隹



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\int \frac{172311}{\operatorname{ag} x}
$$

tan tivergitys
$\square$
b.
qe Motide

eienemther $\qquad$ ath waternat

6iqumer hatere
(4) $\qquad$ hent $=$ 24
chersin $\qquad$ hermatrien a $4-\frac{1}{2}+3$
 $\square$

$$
\text { Ofrice, Axe } 16,1912
$$

Dear Mr. Wainchilid
 In the offtee some wouks ge, he asked me whethos he could not obtaln a sot of the picturen 1 book in Ondna relating to Permimons and their cliture. I personilly have no objection to his gotbing these fotos:
 falloming nuabery with tholz respective legends typewritten on the backs. Tos. 5043 , 5044, 5045, 5046, 5047, 5048, 5049, 5050, 5051. 5052, $5053,5124,5125,5136,5380,5382,5382$ and 5425, (18 fotos).

White IT. MOTET

OKItoc, A4E. 19. 1912.
Deaz Mr. Med rolidid
Horewlth I men oupplyixe you a rotug outlino of ay Itinozary for the next three geare.
 aither by steaner and twin vis stockalto-Abo to St. Petorsburg, or by train ontirely, golng thuo Commay and poland.

In S4. Petorsbure many thluga will have to be done, viz. a goo interyruter to be obtaned, yamaports to bo arranged, plat


$$
\text { Sxer }, 24, \cos , 001240
$$

## 








 , Exymy viereont?

. Sres res ograt , 005210









 D. D. Romnoff kaeys an arborpew of havidy freen and ahmubs.

 and borrios.



 who hes many watestes of buthochorxice

 (2atatconc) are betng cnitrouted.
 sory hardy fruit and thade iroes are betac grown.


 Witutexgreens.

 cultural Expordment Stadon.



 sents of Pistacia chinenais and of aychnium duvidinna.

## Boct

## 



## 








- va IF\%




-moxa :
.14 4.


2 $\%$ :



 voldate femmhocst fratilum







### 1.36

 cht chons of the seedless jujubes.

The rest of the winter of 1017-13 to bo gpen ins the ghatoung
 -1.

From Spring 2913 to ante mintor 1914, extioning the northem

 brated for ita peralmons, errpes und ponches, while Ransu produces


 panta cowne from thero by be expected to thiche in the nerthormost sectiong of the lint tea staten,

 country, composed out of mountains and walayg and corgeos and lif.



 from thore ind may wriction of poark, poachen, parainames, citrua
 province of all chine ent buara the same worntation sis to frutiffulness




## stat







## 


















son exermpyis



In case al thu Chinese explaration shonid go thro copies





Tonme sixcerciat


> Orice Get. D, 1912.

In chmge of mecounts of the office of
Foretgr Sead : Pleat गutcributtom
noay Me, Chanclez:
Herevith plonse mat mbachou wy personal chock fas 50.00 boins the promivm io suy on inf bond for 10000.00 ofta the Aastosis
 in arrandin thia bonking buake:m I sm
Tour: nlaseroly

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\text { Rovir } 5, \text { ucta }
$$

Lat anal







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\therefore A 18, .124,+217
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$\square$






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\text { OrPLen, Oot. } 28292 .
$$




 the mosthweatern United statet. node In compary of ins. F. In. Beraett and undertaicon to become fismitis whis the problem that the nue
 Yours resnectivily

## 

$$
\text { onrion, Oct. 2. } 1922
$$







 bo posmible vaice tho atroumstonoos.

> Tours resvect fully












28：3．Bat




0 品电



 41L月

$$
\text { orriee, Det. } 8 \text {, 192. }
$$


In racapa to this catotion of obtinint srom Mr. Noelkofe soo
 count of the fowermant of the Inised stutes hevine poitponad the goss-
 aifale problen net having serrod ats to the bont asurse bo be fober in
 ber has been hold up. How, however, lip, hloyer will go eut again ba

 arratge with you to mhy it to m.
 In has letfor und then luave it oves to me to pactiy thin lis, Noolioff. Pours ancarely.


> Amola Ayboretun, Jamaica Matn, Hass.
> 00t. 15, 2023.

4iss arace cratass,

Dess Misa Oman
Conk you be so kind and semd a mopy of my bulletia on
 ing people:

- 345 .t.4 nama










 s.





Prof. Ghen. D. Sartent


Mr. Mifed Mehder
Mr, Jackson ? Dawson
yis. Chr vanler Voet

Armola Axboretum
Jamater Rleina, lonss.

I mould aprociate an bardy exacution of the recquest For mank satend.

Ia ase you chould not be theme at the present: 1 hope Mr. Pafrchid will kindiy hnve someinoty olse the up the mutter.
 Tours isf neorely,解期

> Amold Aphosetrua, Jomaica Riain, hasw. Oct. 16, 1912 .

Since lant Mruraday nicht I tan hero in moston and aztho I

 able mumber of dried at well as live plantw, Prof. Sarumt is very mank




 wery such.

$\qquad$













 tuction 最






 done his Ieval. Dent to obtun cartatn hifays bmam to conc from khere.


 sorvo thic infomation for a mowe technicci messege.

 1 conve more sad morg to the conolusion that ail of un in liasingoton wre



 ostmbisw a Rationu mborotum that wh monkis luwe goless then 2009








Bodny I wos miduc notce out of Rwasevelskits book



1 nel
































 Shan Woxaticns.
 Tous very stneaxaly

matamar
Poreat Millt, Mens. Oct. $23.102 \%$ 。
Davic TMs rchald
Aysiculhuse Depertwoth
Biscuington, D. ©
1.21 Lomve tomorrow fox Mon xaxt sone mal cara Moosa.
cana

## 12+1













 vented you fron answering quickly.



 mosey imieed that rou could not munce to oome wo for at day or se.


 the fleld.
 thintcs that it would be such bettieg for the womd at Jame whe


 Sush now Ka the whie thiled asshen. the fortunde cemblrebton of e


 When fund ed by the kmola Arberetumg thon when btom uy be a show aovine molkine inde the Bopartamt of AThovitures whowe nl 2 these ataromentane braches nt soperote.












$$
\sin \pi
$$














When plante swoceeded in the Axboretum, Brof. S. wonla


 What more wirt ind sumewhat more jostace

Well, these are the pelnts.
Erom yous belocran we later that is will be madesireble to

 been numbered and inopected in liwilngton, if ser gone that in a mide


 in the near future.

Tie also spoke whout the dimposel of sebis and plamts of nepbecoous etatf. Frof. Beypmit is not intewosted in these thinge

 Mr. Wincon nomely thinte that I my suan sarese sowe very vezwole omanental alpiae platio and that it retily would be a shano to



 sapinas were beine sulutvibet swavesfulis. and that he himule mould.









 $\therefore \quad \because$

















 point.

And now about nome wery interenting thine that I leamed mhite fore.

 and whin long cald wiaters. That there in guite a $20 t$ of wile veror

 a Ligneous flow, much viria forest owen left. Fo siso soe that





 bo able to atcad toe nazongoain. altunte of the Conimi. Morthwstom

 rat ocres much apopentiy, the we cua flui way latile liturature trating this brach of ous woric, In the lower welleys, however,
 cuilivited, and therefore we hope that more thinges are emomat boo.


 $\qquad$













 - Endial 2.astall






Then I went the the writings of I. Dielis, mine hera vos




 Bhere aro mare spectet there than spotently twhenere elee in such a compact area,
 oold an in Tonme one en prodict that the bicker purt of the throbs whil be perfeatly hardy ower the pary grenter pert of the flatiod llatobe
 Jujubes and pacohes boing very comon, st thla





 of betne the disweminater of sure natertal.

Whie talking te frof. Sorgome he aso admithed that of





























 materind to be found in the Turlous hoxberta of the werld bo cive
 averydat plancs.



 murecrymen.



 from heroariun witoxyl only).



















$\therefore .0-8+3$



















 מaxy out of the way places sul so froquently, thot one could not
 stonse by paselng men. Of course, like 1 we.s toll by mon tho ind beon



 20tus goen from the crimen xigit thwough the whol of temporate
 Torata thro northera India into Centwal Chinal)

8 very intorostine fins, however, in the smoothmimamotiea
 4. 272.







 en elevabior ot dose to 0000 ft.

















$\therefore \frac{1}{6}$
 - Kter













Sevoral of Mison': planta ast not harity at the Arboretua, snd Whay buean the frof that thers is no pince she the southem that bed blates whore somo of these thinge pould be sent to. I mugonted thy we could.
 course himiled is axtent. It thint you ha bethor malto Twof. 3nrgent about this end offerine his pour cooperation in thete sitters.

Mr. Whaon told me that in $\%$. W. Tupsh they are cultivating a


 but the leaves are istble atvided and mikntiy tomombese.


 son suse that the the nent ala thro that onumity ho only foval tween
 mountotns, it surely is a cola country pismb.


 3. haar thut citrus trifoling has not besh found genufnely wild, atho ${ }^{7}$


## 




























 since the Celter of the Mhmon, watch be hat collooted from the sum-




Afternoom, 0et. 23, 1912.
Au hour aco I whrod rou the sol3ow,ing aman lowe tom


 I Co not like to postrome my lemrine for theme ractom too long.

 there is no bottar ylaee in this mole renk to stouy up Ditrees


Weil, Mp, Pairch2ld, I hope wor ova wade thro the long letter and not get tired.

Your mincoroly,

第思 untid further netice!






 $+\cdots$

## 












$$
\text { *Ytanveln n }=4
$$

Dear Mr. Marrchild:
These Inet days I cmen imte the possessionshiy of chree
 of these three tolls me whout a lettar that was recelved from lis.

 ug. Tou may say that I ought not to have my masi asaressed. to the Departacht. max, but where alse can it heve it sent? Hot having a 3ermaent abode ayytiere hare on this gisbe, the Departant is Botbas
 maters.

And now awout this ive. Lunge and he arxating for the col-

 1 took this ordor aeriously and dif me level beot to got moch a

 prouldos ware gron but 21 tha soed wes gotten. Now chis Mr, Junge used to be way interpreters, mad I had tole him to be on the lookout

 mrita hita not to rish into then noxt of a buniness, but as seed



wrat in owem $\qquad$
 $\therefore=3$
$\qquad$ ..... $\qquad$
$\qquad$ abthriall al then








 - Inckhan




















 30.10.


















## 








$\qquad$


















## 162

 whould offer very cood meterinl for our wome st manden, then I mithe

 roaliz very Ititcle sbout the hardinass of wius of hap promots, that of



 tor.

 I an axpe.
 I sam the becinoinc in 1908, and 1 wppose the end bs not in wigh yeb, Thare wire somo rory carelens poonde in churge of pocirine and sulpitas

 mistuce to send out mibartal rifut ma left before me lace mant it


 Thay sare the ones in mhich I droucht the frult over. Ne difart laves




 ...
























 cognisable shape is a pretby ham proporition. if hwa opoued ty ems






 De satinfied with my htumpta

Te日, on the wholo, I thaty that we will got framore ont of

 reghong while otherwise we shill woull comsider it a mine of reveluhts treasures.






 now ${ }^{\prime} 11$ bo on the dsep bluas














 20 - a manatisis






















 hours. The gryden is on the imyrove in my opiniox. Binede the


 Ls stesaiky on the incranuse ma has reavhod al rendy betweeh 1435,000


 the baelc, and severnd wore improvementis are plamsed. So the dalleom thons of trees and dhrubs that are oblo bo thrive out of aperb bhey

### 4.35

##   























hnvon't adned anythime of sote, ho nab everythitic den be busph me

 tho hordy thinge that we smerodused op Labe wat Mr. Tanh calt min he



 (20)









 Tomorrow i hope to see itr, Mac. in Teatburg i. T, and got some meo
 and thurus.
(th best of reguras, alse to hll th the Drfices \% rsmank Fouzs very sincorely:























Now Toxt 02ty, Oet. 22, 182,
Deas Mr. Dowett:




 has been a pretty sore bopic with our Departaent. I pormomily think hat a Little more flumess on the purt of the office of Acmostetock
 would not have assumd wach bie dianntons, ofther. I suypose that in Kiussia we sre ewating the inpression that we are chasing sominbble at thes.

 or Chine by Ds. Henry and comptind by Kr, 8, C. Stomts. Neame give 可
 ful literle aocument.

I sam mobliged to you for wenaing these gentlemom ot the




A while ngo I recolvod a persomal letser of ma. C. Bartelsen,



## 7 F











 $\therefore$ ala la

















 What is tho Lusest sevologment in the Raspoc paestion? Thas itr.




 a condonsed story of the outcoma.


 31beris.



Touss sinceroly
FRAMK 4. vany

vily be c/o the Auswieat Congux 34. Febernburg Rumena.

Box any hurrying mall
e/o the Americen Consut
London, Meland















 - - hadil


ITion-aie kun
[7. . .




 Le:mon arolisu

> Tonion. wargitad Hov. $14_{4} 1912$.

Dear We Tatrohtid
 byen sble by octah Mr, Furdon as yot. Ris theranbouti were undrems





 Fez that Ur. Durtow whe out in the comtig, but that she mould aend









 carringe, so iv cort andy is sone trouble, the Blum chate whe heve cune


 Who has boun in eort in sections of Tantr and of Shuest. int worevves









 - "ुञ














can cive mo polaters and furorm aton that wy be morth a hasimathold these present delay and aspenses.
 has, for Tramu me Shand here bom nepped out Tery pooriy at pot,
 Cometion,



 18:ble. He offered mo, howerar, it the sust atrace i minted, for wo


 thmen find it wery conventent to sent theo him.

The weathor bure han bom tmidy abominute, cold, neety
 arfforenco bateson this sort of a resther and the besutifug ary mal
 gutam. I cuayith at lanst a bud cold and suat beginene to got oves 24. I Pini that Lonios in the thoie is Lmeroving in looks all the thum,


 hoverox is broming more and more supporous eth the recont troundous inarase of motor whiteles of all kiads, flow gatet Vallifyton is compased mith this modera Bebylon.

#   


$\qquad$























$$
\begin{aligned}
& \text { Toung sinceralyt }
\end{aligned}
$$

c/o Amertcran ConaruI
St. Fotersbure nuauia.

POS营 OHM

> Ponchon, Eyehond STMday, Tov. $27,1912$.

Heas He Fatronild

 Sut of the whole ous ime wan too 1 inited, as 14 . F. hen merte asrangom ments before to wicit his relativen who are 1tvine in that bambifus

rourg wexy ancorely,

 En
－Alente3t stario

$$
\begin{aligned}
& \text { 푼․․․․․․․ }
\end{aligned}
$$



20．
Itryen amimat






 whacall ram minal antin． 2 ana

3草. Pe
Deax Mr. Fulmhllat

 a lot of information sa prurde the wegetwion of Xonse mat the Taine
 coas thould be osmble mud ri31ing so rowh it far gow hime in botas Hy

 enplegrant ond is woula not oven be the phods mort or a bling be urge






 Hon, has bemt in1 in best for aeveral wabla, This hunting for the
 out in tio riold man it is on the sasiatamb mindy thot muccess or



 cletred es yet. This sums monteppearmate in Sibtsta, fowever, bo bod




























 to athond to heve in St. Paterabuxe so that we somid meet nove at the


 loelicoff an orilng for about 100 goubles worth of trats and shudes thato have groven to be husdy in his segtios cod which we safely mon at out


 shruke con be deliverod soong i will pgy hilf of the mowy in cemunee
 In the herburtual of the bot, Garden hevo I have beon looking












## $314$



























stand apparontly groat oxtronel of climate. They will bo zo doubt
 stocts for the ordimar smonde in parg ary locultiets it atu notice thet Prumas tombntest, the busb-chorry, is betne cultrater
 cherxy an a fruit for the home grrien. It is parfectly hady ever


 for the mien aeotion.

I anw suterial of a mila pooch, collactad by potanit in



 fane

Trave is at present wary interestine gexthemm here, by


 and found book in an unknown languige even. 黄e hat spyeral lone halla and converod note and ho thowed mov varous thinge he had col-


 to combrol the gafoty of the woods in the outlying pertis.














 atr











It my be hast you hove boon wontering whet was the mattar

 orficiela, wanted to sume 14 bettor and sefex yet by ebline tu the


 documont.

 we that in cos our Dent. Bhoult ewar rant technice 3 Fuwhan hifwmoture



 IGmed by the flumsian Dept. of herio. Itured



Tourn vexy ancorely.

c/o Amexionn Consut


## 

















 nimutshe nne mav!

## Bnti. 1 E




34. Patersburg, auasia, Dea. 2, 192.






 huve made me thorowhiy out of orter. I have seen and spokem with



 Thether ho is the proper kind of man This have to tes音 wimiy. In our



 With than Liko monbers of oxim? in mily and still ther aro in axploy

 Whors. I have focunt nom mas the sealy mever onvis atbust thandelves


I think that ane weason that struxferg coming into st.


## .abresi sturimaint , it

\author{

- EItr , 1 . ina
} :stionth ase ixa




























 hids cold daxt cilnate, where se huve at prasent omiy 3 hours of dyphpht.

I MLI answar your Ietter now.
Tettoz of Oct. 19. 192. Re m account antion for the wer

 anvelope for cuture refarmuoes.

Hottor of Oct. S1, 1912. I 玉ed your remanic that on aocoumb

 Want ry thmo has flom by so moch, is wish If could buve aturted out a



 I could hove gone then stroct to chatn. or couries I mould hove hot to cut out thes my cenferances mibl Frof. Sarcent, lix, Fishaen, lir. hurdor,




## nat












 - Wh:
















 What not. theae all clumge and mocel par plume the see chayges the coast lines of the laxd it beats on.

 raokery too. Mry this mans a total ohmpe of ponstitution. in an
 Ooorgia and crufted on D. Lotus stook they ay prove to be mese standy in their habite.
 Latn. Localisy promees dhaget, In watn, sholtored mountis valuys
 frow on sore axposed placos, in how tar these cualicies upe reprum fruced agsia is in thine thet I myself doubl way mtronch7. I hope
 uniformity sama hem, but in ease they should prove to be vereble,




 of thalivitual trees and shape of hend and rate of growth, but ourtiniy











 … ....... athonit thelt at















Could not the polien fron wid harinam perwimanm prodece changea in whape and taste of these Chinese Traopans?
 briacing new wocetabio products ante the bomst of poople. Frofodice and old fanroged habite luwe to be overooses. It fo at the mont a


 slready in Lontor, why shouldn't cur Gopermont heve some frost mad vegoteble atores and idtaheus mutil the maile hat booome used to various noveities.


 some boruthes arong thom.

About thaltect send probleme will, I have settloe partig with Ilr. Monikaff. I pusd him 30 Roublen in adrince for twe poodb of







 wy at truoc, 4 nem sure.)










.mbibiver mofyr



realy phad mitinut ens
 $\qquad$ $\cdots$











[^0]






 rualiy not the sort of man whe oupht te lave bocm ment ouk for mod an


 mat etth noz-intowated propegctors io tagiande wad this whi togather Aves you Murdory's male in betar.


 Shate ho would hawe tone bettere si it in now, Prof. Surgont diday
 211. (5this of course 10 realky permomaly)








 कौ


 4.




 Ashe al sled shestion wet serth












I soe yur remmata sbout buylng mop to keop you all posted where I aid at tames. I will atend tothat for so far as it is in my pewer.




 Toxnt, and with on officely of the huram of sufmil Zoturtry wo geve
 Departinent of shite moving onything about it ofrichaldy. Be, Ne.
 hence the difricultes.

1 also ordered from lis. A. D. Woolkote a collection of trees
 ghipment is an route for hiban, from whore is will go me gutolay at



 be sent mo via nolowatio rowohn Foldine Ghinx.

Fell, and this is sbout all for the prosont. Seximpe a


1. romain with best of rogardes also to All in our Oen eb,
Youx wery aineeroly.



 $D$ -
























bec. 22, 1912.

Dear lis. Dorsett
 I wisill hasedth enswor them.


 Introduetion and the gxpmees to be incurved Ros the Manam Projeot will have to bo kopt sovarately.

I also see that owea the Tronmug $\$ 36.30$ on JuLy 1.2512.




Letter of Dct. 28, 1912, with ancloaure of He* A. Ramone?

 6he slotem smount.



 4*. Tadmohla yostertay.




## 

ctas , The
, $13 \cdots+\cdots$

## stimrot . TV \% uel

## 














 bathor $.81=$

 deleashant Mherlut atV








 ovar nited up thimg wili probubly mover be setked, and that bho Terow pan porimmon is Ifable to wriation nhen groun orier ditharmen alimitio
 axse about this yobterday.
 1692 vore regulor in the nue orchard and whor or net the conterto How cround the fruts mas max the ennter or the tope on the firet

























 ... an shay












 changes, or whether it is mail condithona, I do not lavew, but it ceme tatnly is momething wory diaplonstins to hear.

I thank you for the nows gou toll me re Dr. Webber, prof. 3tubenrmuh and Frof. Oorbatb. To bo wre, there in mich chnugo in


 ue hope that that line of our vorte will pen off as well an formeny.

I sm also obisgec to rou for two linshinetan Fosts you were dinl mouth to formard. Tose the conine Fears wini be futl of shmest
 be banded and who will be the nest Secretary?
 scems alrady a lomg time alace I som then oll und when the montha pass by I will lose agala more and wore contadt with you all.
 sens lether of Oct. 2\%, 1912, Well, IT retum ler. Oounens? Letbex here


 excoytion, but now it swoms to bo the suic. I mill meito e spociel
 the fiom therowhiy shat John, biak and Itary hove the whot to read what some grod friend telle me fan corllance.



























 and I nish you movid kindiy hawe ter. Gurian keen, thean on file in









 bution to that place. I aise surgett to yout to try to make an argingone nt







 account alar of cource. habre thata brvos you mill motice 12


-











 binar . H.













 be very dosirabla alude treas, nav to the torthwest.


 well soon be on the ge.




 have ars ordinaxy copy man out to me.




Tell, this is voput all what 1 had to ball. Hoyima 11

 "15men,
I sta, itr. Dazactof
Toure vary sinoovely















## 





> St. Peterghuncs, Musefis.
> Dec. 2s, 1916.

## 




 You. I Hive no abjection to som fotot belne sent to than Tren they give efodit be the Donartant and wien thar sond of 3 IT 8 coylee of the Hyganime,
 of thase nay bs alected permexs, 600 .
 Tomery Texy ainnornlys
 sfo Amoricuan Consul St. Petormbure musada

## TE.



```
- Bref reme onat
```


## 












 a ponsible mutstake ia thete seede nent.


 I atan't find it bate until a doy or two ago.

I got an asclebant, but he proven to be not vary brights it wonder if I really ought to trake him along. A fompe intorpreter has to pass exowinutions soon and amnot gaf othemise 1 would, that

 Toura newrely,

Mane I. mexas
c/o Amartion Consul.


```
abuct woimofolt in
.Eral inl .00l
```

$\therefore \quad \cdots$
















En7 , winn
Sermer madranis ofo


St. Potervivuc, musela. 3on. 3. 1923.






















































Wyto the bonde of endx mort of peonta mut I tharefone inke te get my man theot sowebocy rimo has wown eboudtur here.

Fith best of vagerila also to Mll in othe offices
1 mot Tound mincomely
Fourt 1. intres
fo Axactione monnt







## 7y



$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Doar IIr. Worsotts
Horewith I an sending you my accounts tor the period of


 ever, that in the man they are pretty well correat.

I like to draw the attention of Hx . Carem to the faot thet the tipp Cros Mov Yaric to Bostom wes performed undor euthorimetiow
 trees and shrube for Handen, which I bought from Hr. $A_{0}$ D. Noeikoff on Doe. 14,1912 , has to be entered undor a separate hending. Further, I heve nothing to say about these account.

Trusting no dificteulties will arise in comection with thom, 1 femains,

> Yours sincorely,
(s) Trank M. Meyer

> St. Pebersburg, Jussia
> danvery 27,1913 ,

Deax Mr. Dorsett:
Herowith ploase sind enelosed my Itinerary reports for the period of Ootober $10,1912-$ Do0. 31, 1912. Trusting you will row beive thom in good shepe, I remain,

Lours sincorely
(s) Frente 11. fioyor

## $\because 8141$-21 pentis














$x^{2}$ el 2 mmon I

## astimacilis myoor



## 


atreeron sul thon




[^1]
## Doar lis. Pairohild

As you see I an still here in this dark, maconcenial ofty and uttexiy ageingt ay owt will. I nevero saxpoctod to heve ae math trouble se ${ }^{3}$ bave had to rind the right sort of man anetathent to go with me. And oven now I haven't found the propor sort of a
 as I whom I sould have taken as a compenton as vell an an Esidstant along with no, ono who want in more for the love of the


 not very resourcefrul, so that the main part of the worle will as alvays dopond ontirely upon my own self.

This week I shtpped off the bIEger part of my baggago to
 where, The found that the Ruselen trungport orfiose me but vexy poorly equipped to fenale shipmente of the meture ae ny begeme is. They say that avorythlug heir to ive eramined $s t$ the frontier bebweon

 clain.

My plans are now to depart tomorrow or Monday momine from
 about eame of wie glanter thon on Ts Khehainh in the Mred. where the

## abanal , TM



## 






















1ergote fruibad verioties of buah-ohorrioe (Prumas ohomao ooramas)


 perhaps ecenmulevad a small quantity of sholtoal sodd. Fron thape to comslc, whore I hure to sponk mith ache poople of the Umivarestiy about oollecting of wile trobe and shrubis than on to sremoyarelc. where a govervaentel nurbery sutiste whero hnrdy fruitel are berne Aricimateds In Irlytes there are som people who salicot aosde of Siborian troes, whon I mert to intorview and mine errangomonta wheh thons sepooially in vion of the derands of tho Henden Itatson. In fertehenals I hope to meke an. oxoursion to the 200 elity whare the larce Erutted matits beocets onour: snd verious othop plouca. In Harbin I'11 have to ettond to my bageage matter:s and perhaps trying to get a good Chinese essistant, of course, those are only my plans. Somo things I may give up and othors may bo put in instoad. dependIng ail upon my prosont asetrtant and opon mew informathom botue goluad.

I received your lettar of Dee, 26, 1912 a fem days ago. Ios. I acree whth you that it is pory unfortronbe that I an betac delayed


 Such alperculties seen, helas, to be etermally commectad with exploration work of eny kind.

## 


























I soe alse thet in tha handan propontion you are sxporkonakn the sowe troublee as I have hers, that IB , not heviag found the etght sort of a man to do tho worle required.
thout thit Ohinnss bueh cherry Prumum tomentoke, shether it
 Dut it is not te mush civen ovep to merlation es for inatanof the apple ar
 and seede se possibio on bhis ouring trip ta Chine, It heve been sonding
 this bushmehorry: I womber if there set some slive yet strumheres.

Potanin's poach from Kansu, as I saw it hers in the herbertan, did not look pertiouler edible, a heiry witn with $=$ lerce stom inesite,
 of eating.

About another parchment oortiflaate from the Seeretary. Well. I first will see how mblars go in Chtne, dome chere in tom Lrtarior yow body reade a foreign lazgunge enyway so ney be 1 mili not Fool Lo need of such a showy recomendation. I will let you know lates ons

I sopke with MrB, Lorreguine, the elerk to the Consulato here,
 Agriculture here in somebtion whith one speated wort and sins wili entor into direet comuniention with you, after the hea oftrainad suof e iset.

I thank you for your zmes wishos and I hope you recelved mine also on the richt tims. Fwo bed Indoed thet ywur Ohelatnae wes nerred by the iliness of urs. Jalrolilud. I hope oporything is al. right ageln now.

The weether hore in st. Betersburg has boen extredordinary this winter. So darlk a winter they heve malaci sxparioneed. Sons days ago












 syake mo













[^2]the berometer stood u.t 789 and that wusher hee hom aowaly depressinge 30 muoh in fact, thet the rumber of sufeidos dasly is sonetheng amezing. I don't think we havo seen amy sun now for three wooks already and one doubts et times whother thero really oould be a summer in this olimato.

Wy noxt mail I may receive in Imigtsls, but for our office it is botter to direet nail to pelinc. Chine, from now on, Whth kindest of regurds, also to all in the orrioe, I romen, youre very sincerely.
(s) Tranic in, lieyer
 गmunery 31, 1513.

Dous Mist Felsohild ${ }^{8}$
As you seo at last i madvanoing on to China and whon all coos well I hope to be in Peling aometime in Fobmary. I herewith will give you an accourat how I spent these last daye.

On Sunday, Jan. 19 , we 10 传 St, Potergburg at 10 p.in. bound for Kosiov, Fie Bosow and we artived there on Toonday morndry 7 a.m. ily ala was to make sone sort of an arraxement with lis. R. V, Hijuring by whioh wis would be shie to obtaln warkus noveltied
 a rather poowier soxt of a man, as I wrote you moro than a yoar ago and. I found thet he hadent olacnged muoh. flo askod oe winy I hndn't Vialted him in Septanbars sen he had expooted na and I could heve taken







 aflaquala cram a cove


, tres ar8 पramab
$3-11+2+2$













Warious things right with me. Woll, I told him thes to aup regret this hadn't been possiblo, but wo would like to maice somberpangem mont with hím to obtain eertain of his plentie anyway Well. yes, he sald, this im all good and woll, but I mmot a busime mem and I do not inhp plents, he who wants my plants has to gorith and
 Governmont hee boen mars ind to hie of late and. he had been devoruted with en ofder ache an orfer hod bewn to him to anber btate awrviee, so ho folt ho rathor would supply Hussin Elrabs Thell. wo epolo n whole lot and I bold hin that hortteulthee wes reelly intornathomeh and that we wanted only part of his pleats stew. ote.s end at kat ha voesed around and sasd that if he geve sis hes produotis emby, Whe worle woula be sueh rielve but he hinesif woulent reowive suythtag

 had to go into negoaietions of gourse ebout suoh thinges. And now to make a long atory short, iro Mitjurin is willing to conpile a liat of Farious plants he hes and which plants sre bardiar. Than the ordinary bypers and which plinte he is ellikng to sead bo ab after wo have same to an understanding with hin. To make of bultalhe beginning ho ments to tweelve fron you a letber selcing him to conplie wuch a list and then bo wili enber into normuticebtom with oue orriae and when terms on be spronged he will wend ue metorlal next Trilh
 partasnt will be able to tranalato your botbern to hin into hasalang sone translabion buremu tn Wiew Tortk mblat be able to do it of purhape



























have beon In Russia before tha wintor had bot in, I an sure wo sonid have gotton ite $\begin{aligned} & \text { Hi jurin's plants much ansier then will be the omse }\end{aligned}$ now. Ile dia not offer eny soions or ertting now and svon if ho had, wo gouldn't have gotten thes, Cor his aspertinantal cerdon man oovm ored with mor froa Bot foet doep for they have hed a wery hoovy mowfell thie minter all oror Gontral snd Bouthern Touside bo the dolight of the farmors.
Mix. Mifurin told me that he is working now with nomidia
 for llorthern regione. Tho plants rary semariabiz in produotive qualictoes and the fruste also show muoh variation in sise bond in tasto. He ways that ho has a fevelplants on whioh both male and Somale flowers are to be Pound.

He also has now fruitins plants of hybrids botwoon Canadien Sultivatod foms of Vreta plparka whth the whid hourgrope VLisia arurunsis, these hybride need no sover whebsoover and prodvee grapee of fais quality then sipen oven in short summers.

Thon ho has obtadned hybride betwon Pubus Kanchooargue and mobus iaceus, whise the isavos spe of the Xanthoobrpuss typu. A second gonoration may bring evon more striking rosulte.
 of which he had only plants, have proven to be too weole and diod from a form of rootmpot, but ho is going to try to make myorids betrees paohes end all specken of: Laggdalus that are hardy at Komop. He had just recently obteinad lournels of A paduoulaba fron mogolfa








Wraman mid so ituret




















This trying to orietmato a porfootly hard peech in in my opinion the of the most wrorthy objocts a plent breeder en give his time to and I man oertaln wo are golug to have some of these days
 bush-chorxies (prunus tondatose) grow*

Well, this about all I have to say about Hy. Higurin and I had bettor terminate this lottor.

With rindest of regardes, also to all in tho opriee, I gers Tours very 3inooraly.
(d) Irank M, Weyer

Tonaty Siborid.
Tobsuary 2, 2913.

Dear lis Dorsett:
Youx letter of $\sqrt{2}$ an. 6,1013 , whth the onolosuros of Mr. Homry S. Cousans latter and My, Maurice I. do Vilmarins oerd, has boes

 nossege: this letter om be pled now I have written Hr, Gousoms to address future correspondenoe to our orfine fas so far as it relates to the obtaining of saeds and plants, otos

I also wish ycu would kindly find out what boome of two

 from ally. Vertogny, in itt. Pobernowrlio weltian in brokem Garman and

## 









$20 \times 2$, 46 ances ( 8 )

$=-1+\cdots$












oontaining a photogreph, should thene letters by somo merntortume still bo lying on Iis. Stuntis's losks waitins to bo translated. I wish you would see that thoy be seat to mo by return masi.

We got a very oold day hero today: the thomonetar reetstors

 this wintorn

Well goodby, yours sinocwily,
(s) Trenic H: Heyar

Tomely, Siboria
Welmuary 1. 1.915s

Dear 5 s. FairchsId
Werevith I will give Jou a ontimation of this prosont troip of mino. Well, on Tuestay, jan. 21, ofter heving seon Hir mityuring we loft tozlov acain that seme naght, crassed the Folge aivor. The next night, went thro the Ural llomenins on Thusstey night and arrived Friday morning, Jeno 2 , in Chelyabinsk. In this town my intorpreter haci a irenend. IIving whom he thought Imow all about the produats of the country. Urafortunetelys hovever ${ }^{*}$ thits gentloman wna
 us in contaet whth anyone who aould collect wild steppe cherries for
 region where the wild ehomion oopur is sale to be 10 therstis muny fres the town of Ohelyebineic and althe everything deeply oovored whith

## 







# trattir flet 


$\square$
alyw11 0.01




 $\therefore \quad, \quad, \quad$,









snow and the theromoneter at zero thore was Ilttle use for us of tryinc to visit these onarvy Loodittete The region sround Ghelyw
 st. atumdstil15 this ocuinc seemon, smover, thinge are looking brichtor, at the neltinc of this minterg mow whil anturebe tie soil considombly and mabe tho redaing of a orop a posuluidity.
 to the llorth of Ghelythingly, place mere very zerge Etoppo-mhorriee


 per pound and will abnd than seode to yous togethef sith his bilis.
 Prom Raslingly, es ope old man semured uso Here le Fussin snd Siberis It is elmost as diffieult an hn Ghine to flud out wide thinge ranlly do come from.

Saturday aftermoon ve left ristim acain and after a tixesome
 Rerein 2ives, who works on the inprovemont of nubive Thetwen Biburlan

 we made the ten wersts from the villago so Mr. Karatnis hone in e siekg, while a biting cold wind blew eorons the soambliy mooded, snowcovered stoppe.

Woll, I expected ilf. Karsin to rocoivo mo rather oolaly as Hy. Wootroff had not stuck to his offer of buying 3 pounas of Hedisage rezesth seed from hall, the oore de lir. Hergia nevor ensworeds






















 4eflals hue now.ins.
 *


the telegran lir, woelloff seat him while he and I had our ounporenoes
 howbers tre kersin made hie npologise Por not heving oollealad sny sholvelk soed, wh blie oumer hod beon wdry bed for the plponine of goed and se tho sollootinc itself men molr en imome job. I told Mr. Karsin that for the probent wo had snough aede and wou2da't mood any more for sone time to acos, tho wore es H, frelecte ats it is, It too verlabie to be rocomondod as frombr"e orop. De acreed with me porcuetiy on the lads and Listanad with mueh Lntorset bo my bolling

 end breoding this whe Iugerne. Itro Karsins said that he found out thet in a iry steppe olimate like Western Beboria, ts one hem to grew saveral dirferent plente to supply thege bo tones doanstio


 and finds that the Nostom Bhbertan Bromas inermis is of fur growber hny producer in his नlointty then the Muropoan forms ares In whouts he 10 melabtiad sueh flura whente thet noed but in short season to siper and thet have the oure donme ond tala with the individual

 vartethes of pentarmplatod muflowerg, whose soed hulle dermot be poretrated by mavila. It took hin 10 yours (th wort to aoooapifeh this font whieh I trane to be ane of the nogh peraricoble nohiovemonte in selection worls.



























Mis' Marsin gavo no sano seed of llodiougo falcates Onobryehis sativa and a few oars of his drought rosiatent wheat and he would 1ike to enter into exchange with our Department. From us he lines to get hardy, drouth restatent wheatay short somenod Sorghoes
 tyborids of Prumes. I sucgees to sond hin a fow prologee this coning sprinc of vurious thinge, for 1 dpen kt whis worth our whilo to heve
 and so lkite the North Westorn Plains of our own oountry.
 Govt. Siboria.

On that same day, Jan 27. we loft Iasyl-mul again and took
 Codnosdey \#an. 22, I wont to soo my formor interperetor irs. Swend Lange sbout the problou of sollecting sosds of nild romge plants for us Nall, he had boen is corrtapondenoo with mevurni partios but
 mado. Tell. I tole him, an I hea writion him alromay, whet se didn ${ }^{3}$ t. noed ony moro sead. of Touldego falunk wnd an sued of that plant be to be gotton with great alcceulbles only and with mush persuacton. I do not thinic people mill poster us mwh exynore whth thie problons I also sew Mr. O. H. Wentohors an Amorioan and manacer of the
 Anorica, in wose omploy my former intorprotor is now.

Hovo-猶kolayafalt is a widelywspread-out town and does not look too oheerful in the doad of wintor with big snowhoaps all over and tho pieralut atoppe wine homine thro the mabod poplam troon

## 









 $0.219+1+0=0$
















and so we loft ageib ab nifht and arcived Muradoy aftornoon hers in Sozelc, wher wo needod a mallomerned bnth and ohmegef of olothem.

Fere in Tansy I have to see some botenistis and colleetors at the Univorsity and aftar that wis whl kowve fop krasenoyurek where a Govepnos montel mursery exsistis where frult traee are bwing aultivited. Then on bo Irlutsic, thon Chith and aflar thel aither to llertwhenst, fovewn for ite Iarge wild orabappies, or atraight on to llerbin, from were in an ony a Lew days distanco from Poking.

I still heve the akue interpreber with ac, whon I wrota you about from St. Potersburgs it is a preat pity he is not the lonet bit inbarenbed in our work!

We11. Wr. Fairenila, this is about all for the preesent in Jerbin and in Peking I hope to find sow mail from you. I reeoived pour letter of Jen. $6,292 \mathrm{~s}$, wo tho request of Brom Tiroe. For a phote of nint. Alleheht With best of reçards, 1 romains

Yours sincerely
(c) Frank H. Heyor

> Chita, Trans-BaIhal, Siboria Tobruery 14: 1215.

Doar Mr* Fairchilat
The Inst Iettor I wroto you was datod Fob. $1,1913_{s}$ I bollove, Pron Sonsk, now two meake beve expleed agein and gou flnd me in Ther many Chita, close to the borders of llanohuria.

I will rolate heremth ay experiences with wartous people I visitod here and these.









 16xow (2tron








. 1545 , $11-303+15$





## 

In Tomsk I had a conforence with Professor 1 . Nryiov at the Whiversitys about oolleoting nsods of thardy trees emal shrubs for an ant
 the Arnold Axbaretum.

Nell. Prof. Irylov will try to make $i 6$ a point so colleot expesially soeds from treos end shrubs found in dry and cold localitien and the whi sond such scode up to Bathangton, he mad, howover, that they will le smell quantitiee only and that we must not sount on ham as bolng able bo hendle 2 arge amounts.

About the axehange of horbarium matertel, he and. Irof. Darpont wlil onter into aorrospondenco.

Then $I$ went to wee atr. $\mathrm{P}, \mathrm{H}_{\mathrm{g}}$ Zioss, hesdgardener at the "niveresty
 of Hodiceco raloetta tor us and other wild forage plants, Tank, he meld he had hod no essistante and hames heen able to do say collecting at all end that' the fermere around gonelt werw Lon lasy snd. too indopmudent to do say collecting.

To ny Great sorrow I found thet Epofoseor 3. T. Rastohenice had Ieft Fonsir for cood sma stal sold hes property and whe living now in Fiet. fis neat, 13ttio experinental cardeng of whion is took sone photom in the

 Fory interestirus selections of the stherian buathecharry in hie gardens

Thon I vitstod a Lutheran elergyman, Pastor $A_{\text {, Lesta, by name }}^{\text {a }}$ who has travolied muoh in siberia and who lonows many Gorcandend Litelah famere, I gave hte your addroes and vold him to vema soeds of stberian



 , materarima Brompli bit



 -






 sydideolfors











Whilo in Tombly we also rocelved a rigit from a mining enginoer,

 thet American aining peopie and homerion. frovetare mere winithng Central Siboris and that there wee nobody to guide then of give thom advise. She two neurest ecenoios in Gontrel SBborie boing Onsk on the liest and firblom and Madirostocin to the Bast.

Do you think thia infermation is warth while ta canumione te the
 noyersk, which is also a Tery convonient ontrel place.

On Fob. 4, 1915, we got up at 4. a.tin. and drove to the R. $R$. Station whilo it was about 26 Rembur fad thore blew s. atrone wind toog woll.
 arrived at : tas. in Fremmyorel tent foum Sho holale mouptr all pliled ups many minine peopie being in town for there fa oositaersbie gold-aining being done in this part of the world.

I went out to omquire for the Goenrmentid Ayporisental. Huthons but We heard thet it waik only being organisod and mothing had boon dono es yot, only the plans wore there to do dortaln wromico

We than sev a 16 . Galish, who muns a mall flower ant Fegetable

 morte of fruit troes, Plowere and vegotebles. Thes gentionum told mas
 es the suruars $\operatorname{are}$ very thot, the wintorg guito oold and the rainfell is not always guffielemt, Ordinary apples do not muctoed at clly ondy orabw apples and cro.ll hyorid srabss Stepyowherries (primus chemen coramue)

Ihespborries, cooseherries, rod sna blaok currubls, sand-thorn I



 Git a























 more varioty and ospecia?ly larger quplas.

I also visited a gontloman by mano of Kopuohin, who formorly was Governor of the Beitio Frovinoes, but is extlod now to Biberia. Hy fro terpretor was agquatabed with his and both he and mps. Lopmahin belone so

 perdon say soos be fortheoning. Mis. Lo geve mo adarosnet of verloun poople.
 who loves pients and who works on the hybridinstion of truthe whthe the dia to mane then hardior and fie to firfte imder Centrel Itberlan degdithons,
 bit uf nows turned out be be nult sulls eorrocts lis tan some spocinms of
 opinion this is the anly peer ebie to steund Giborian tompomtaras, but uib tie frugt 2 a so bed that it fuse to be frogen or atedned before it ouk be
 bo done yot on it to make it passable fruit.

Dr. Krutorslel has some distaneo eway from Imanoyarsir a. small
estato, whore ho koeps his roel. experimankel gerden and he bold me that be hes found a fow hybrid erab-applea thet ers eble to sbeurd tho allesto, one weang a moodizng of his omy mothor onliod filifurin? Tor:nt and enother Sapanded redoluemika this Last ono oondre from Deneras.

He aiso finds that the Yollom Ussurian plum is very haxdy and its
 used eopeoieliy $2 x$ byoridisation worik, to arestb purfoetly hardy pluis for cold regions.


## 



























The man who oouid supply us with large guantities of this



Dr. Erutoliski told ne that altho he colleetod Vitis anurensis way up in Blegenvestohenili, whers the olimate is noth more sevars tham at Ifremoyerik, eth11 this mild grape does not prove to be hardy witir him and he is at a loss to know why. I told him it ie probebly the dry, loot wind $s$ E. Kremoyersk whioh pobe the plente of their vitality, for this Vitis exurenele ie proseniontly o denden of the forest.

A shrub which proves to be hardy at Irasnoyersk is Hazimodenaroa argentous and I sucgest that in ouse the seods I. wont in from Juphesten have germinnted mel1, to pient e fow buelem at Nenday as an experinent.

Dr. Krutsfach assured mo that the best nursery in the Govorment
 there one ean obugin seede of vurlous mative Biocrien tesees sud herdy fruit trees alse. Or seede of the raei biberian ormbwaple, Hilus bacoete rar. Sibiriae and of Malus prumifolle thie nurneryman mbe A speoialty.

 herdy trees and shrube but I aould not rind out whecher they lave bay partioular specialty,

This. Dp. Vo I, Irutofele Ernenoyarik. 3tbaris. wil be very pleasee to enter into exolange of swode with our office. The cen supply ue this coning sear with tom plumeeter and porhimps aouple



## 
















 $\cdots \cdots, \cdots$,
 Wh Catomge a







of hybrid apple trees and from us he likes to cet saods of our northormomoul grapes, plume and spplee, It is co woo sondine Live plants, as the IUsekon Govermant dooe not adwit live plemte wy Ionger, if they come from tuerias.

In Dr: Krutoraki I found a rian keomy interested in the problem of brsocting and selecting herdier frolite and if a man of his fype hed boen only given sonowhat ancouragenent by his own govorment be would heve acoomplisbed ourbeiniy mueh more thes ho hea bone now with his limited time and means.

On Priday, Feb. 7, I visttod an Enclish fur-doaler in Krese
 has in e cege. Tou may have hoerd tho the seble is in proeese of botal oxtomination and bo steve of thie celenity the Ruscian Govormont has forbidden to hunt or trep sablos artor Fob. $25_{0} 2913$. thes poriod to kest until Fob, 15 . 2120 p by givinu theee entalale a
 80 as not to extarminate then altogethor. Now I epple to sovorwh
 do Dlue and siliver Cowes on Prinoe Btwure Isiand and the gonarel opinion hore arong Juseinm buntur and Eurdeadere le thet the anble is not a disficult mikal. to manage, axoopt that ho in rowaricably riorce, crusk and blootthirsty, the prioes of sable are rizinc sil the time, Far,ang at the present from 60 Moubles to 800 thoubles pur sicin, aoeording to solor, depth of fiur sad acoub aknor roquiromanta. Wisth tho closing of suble humbing fok throd yeures, the prided ave bound to leap stiil highor and I wonder if it might not pay souse poople out in she fortitern Roolg Mountain rogiont to try to obbuta.



























 or from the rogion around the boom of Tendeessicg to the north of
 siberia.

I enclose herewith a photo of this livo malo, taken by Mre L. X. Iucarinoff. Carator of the Frasncyexile Iueoum and should thore be axy publioation in the Univod state willing ta publiah sonothing on thia pattor I have no doubt thit phote oould bo mod whan due oredit was given and sopion of the pubisantion mond to bothis. Peacock and 15 Tugarinonf.

Atter having seen this intoresting suble wo wont to the muecua of Eramoyarsleg whar the afore mantiond tro Thyarinoff ahowed me the oolisoovane and the horberius in this last wo spont swyoral hours.

I hoard that in tho Minussinsk aistrict there ocour eoveral rare berrios, one is bellea "Yaskrion" and swons to bo libee proounhmang 4t only growe on molst places; in the bhade and the berekes melue a preserve that is fanous for its deliesone teste.

Then thore is the polar-raspbervy, Bubus aroticue, wiso aucing from the imastnoli aittriot, whan is a deliolous little borsy with
 (also "Pariura", whak 1 s Mnnish)

In the northera parts of the Yeniseish Gov*t there grows a berrys. whioh in IIrs Fugarinoti's aptnton Is the quoen of all berrian. ith is
 delightful arome. $A 11$ of these three berries might be grown in hlasha, \% sumben and I wa th you would drew ir . Georgeeon's attontion


 .2120185








 $\because \ldots \ldots \ldots$.













to these frultar (that in if ho is still et sitike).
Thon I hamed that the borries of the atbertan blrul-gherrys. (7rumus padus var. Bibiri.ea) anllod "Chirungs" in fuessan, are in groat favour in siboria as fillang for littlo okkes, pastrios, ete. The berries aro first dried and ere then ground up fine, line flour. thon hot water is aded and as a sort of douch they sure usod as rilling in pies and rerious pesties. $\mathrm{m}_{\mathrm{z}}$ * Pugarinoff sald that in
 "Chirugga" berries are not anong the worst.

I obthined a fow seads of this "Kazirken" beryy Ribes
 shrubs for us, whonever, he is out on some expotattion, I assured hin that wo are willing to relmurse hin for the outlaye ho males in omploying some hared hely sud for poetseg, es long sk it were smalt
 On Feb. 8, wo left kramovarsk again at the unholy hour of 3 a.m. and the noxt day we arrivod in Trlutsh at $3 \mathrm{p} \cdot \mathrm{m}$. where the cold was not es expogsive as wind axporienoed at Tonulc, muro my Interpreters oars got frostbitton.

Well, in a next letter somo more about this trip. As you see. sotual mederiel one obtathe but 115tile hore in tibortas Dut some af the addresses myy prove to be of groat valuo later on.

With best of regarde to overybody I romeing
Youns very simoerely.
(s) Prank if, Noyer

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 $\qquad$ $\because \cdots$ $\ldots$




 $\cdots$, Phomecha porr ateme $\qquad$
$\qquad$


Doar Hr, Fairohilas
Horewith I will continue ny latior on thin seoont trip. As I statod we arrived in Irkothk on Sundry Beb. $9,1913$.
on fonday Fob. 10, wo huntod up itr. A. Sohreobor, a botanist, mowdyapaymaditor and aolleeborg, 811 aowtsed. This gentleman wo found at lant and ho certainly wade a strange lupresshon with his Ionce hairs, lone bowy feow and his remarbable absunterindedness. Thro II. T, J. Koaselrine st 3to Petormburg, 3 had seixed this gontiow men to oollect soeds for us of siberian trees and shavibs, but I never had reaeqved any answor. How whon we wore fece to Pace, liro Sohreibor told us that the seeson had beon very wet mat that what
 of Cinding oollegting makiog to mribe shout than to do it ond wo Lel't almost as wise as whon wo anne. We thon wont to tho Husewn at Iricutelt, but the esllection of plent-mbersel thoy have thare 1 s vory aneiont and thare is epparently no batand nt oomnooted wh the the museun. In the parks and ofty squapes of Irlatels ono notions how novere the olimate is, for thore nere only a vary limitad mumber of trees
 trees, then there are birchos (Betula verrucose) Pines, (Pinus Sylvestrie sibirloa) Stwerion Grab-spples (Naius Becoaba) birits gletrise (Prumue fadue) Tar mbtriou) Gerarana arborcsoons, Orabaerus


## 

## - +104

(1)

























On Tues. Peb. 21, we received a visit from 1 , "ohreiber and this bline he had a 11661 list propared of wht soede he had oolleoted. It wae mostly wild flowore and wen I askod for the fow tradsende Elut wre emong then be audid that it wore only a fow seode rad he hod gocelvod them from the Ganeanus and Sto Pobarsbuxge 1 have wondored sinee whothor this Hr, Sohreibor is ontlrely nornal, for not only in this soed-buninoss ho cotod quoer, but he also geve us abmolute wrong information es regurde stopping off in Ghite and ho rudo uts thorewith spone a ninsorable night in a asrty litele reslmy atation, whisle the cown of Cheta IT wes only a very short distenioe awey buts
 us to town.

ARter our visitor had left we repalred to the noperinunt of the Hanagonent of the Isperial Doneine in sibaria, where wo found Hro
 aitho both posodswing perfeet Teutonio muos, doen not apoak a mork of German, altho thoy oan both road some.
he
Nella Mr. Meyer sbated that/had eharge over seversh min.1ions of desortines of Inporial propertioe there in Gentrel-Bestem siborka and that he could have his foresters aolleot soode in gunntities. I gave him an ordex for

2 pound of moode of Lerias sibipios, conting sbout so rbls.


N10 will mrive yeu whthin a masumbile time whether he will be able to get such coeds and axpoe us the mocoy in silvanos. He orl.81. shat

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 $\square$ F
 5त:7018 8405


send a int of seeds thet he may be able to furmish. In aese you find it diffloult to send monoy in advance from Weshinctong I onn

 romamber that the Foregtey Depertuant Ls lowniy interested in theoc thing and they they sill buy fros you mhetovor weamot use. Erx comnootion with Iandan, homever, wo surely onn une 10 pounds of aoed of acuh good trea. $1 x$. Dormett will remombor how woll the Larine sibirice and the Botula alba from Siberie Looked at the Forsetxy furm
 placo.

Correapandence with Mr. F. 1 . Heyer, Haneger in charge of Imporial Bonains, Irlastak, Stborie, should be in Frenoh or in dorman as English is practionlly an miknow language in these gembs of the world.

On wed. Feo. 12, we left Irgutsk acein and after frevelinne thro a Fery pieturs be emmby where mountains and velleys intarshanged, we errived arter the umplensant delay et thite ${ }^{2}$. on Fridey
 fasted sod rosted awhile we wont to see Ir. M. N. Timoromitwoht a colloctar of wild plantes hare in Ghita and we mpole for nary hours about plants and thines of interest in this part of the world.

We11. I heard soveral interestinc points. Ni. T. says thet thore is no part on the globe whers benperstrure The see auph sis they do in Chita. In midwintor it may go down to 45 Romumur with no snow covoring the Eround, while in July it is so hot that ono oan herdig breathe, oftem ta aarly dous there are atill severo fromber


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 B.

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and on the loth of fum a fow yeare ago the Rlowers of Zhododendron dahurioum cot all Prozen. Ther the dust and sandstorms in aumor are often so sevore as to make travel impossible at times. $\mathrm{HF}^{\circ}$. T. We formerly oomneotod with the Inporias Dowaine and wee ounneoted nore purtioularly with the Porentry Dapurtaont of these dowasron and
 this Prasten Tmneriel Funily possosses $40,000,000$ desertines of land In the kitat and $25,000,000$ desurthee here in Menbern 3hberla, ant orea Iargor then the whole of Branoe and in theme aroas valumble
 4ve
fils. ELnogonitsoh was vory bly in giving the oxnot loonliules of plante of of minemals and lie lowing s onllsobor himests now hud hes reanons of course. Me gave me alst of seeds ho will bo abie to colloet, with their prisen and in oass wagree, be would Hinw be have the money dopositive with the Siborien Hant: of Gomoroe at Ghtbe, to be drawn by hin upon the shipment of geods. I wonder in how far we oan do this, but no doubt an arrangomont oen be nate. I herowith Give you his 11st










 and









3letula niger

* Emithes.

Gararana micropiyile
(1) yymaes
a motnona

| 23. 50 mols. |
| :---: |
| 05 Te |
| 2112.50 ? |
| 1350 Ko |
| 75 |

Trow ${ }^{13} 12$ come to the disnection of this 15s5

## 

 in efry cold countrios, alno good as a stock for alom-growine apnies Tor Mandan we conid use $51 \mathrm{bs},-25$ Rols.

 eromine into a small tree, is or value as an omamantal fardin arpab for dry cold rogtion and aleo of remiso as a factor in brooding omperfments. $213 s$. are oufficiont for the prosent -6 mhas.
 the mountins near Mertschonmle, mad hore and thare in Jorith Mongolia. Of value in breedine experimonts so as to ereato a hurdy dwort aimond, also possibly of value as a hardy stock for peachas and anomde in cold but dry countrien. I 15. mafriciont for the prosent - -6 Hole.
 sec-buekthom or andithom, of greit ritue as houge minerial in exyo cold recions, aloo good for windbration and sh on ornamental shrub around the home. Bach weed by Rrof. Tumen at Brootiness, B. D. The frut to supply a rather poos sart of preserve. 20 Ibs , con bo safely used esp. for Mendan --9 rbls.

## 2805

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8







, ul:




, (1) at 2 qu



 of assad - IIC lesp.

 ha gher mount in regtons in the trost. 2 208 morciment -50 kop.
 groming to a huifthe of 10 foet: bertice smil, soot for preserveti an also be used for broodint purposest stmans lots of arouth, cold and ad-
 1.50 Rbls.

 tree, the frust of which are drien, ground un maned as flllings in



 the hone. The ripe ifuits are oagerly osten by chilarm, 20 Ib . of cleanod soeds are surfictent - 4.50 mbis.
 can be used as a stock for more toncor roses in cald countries, mey


 bush-honeysuckle, boariac blue burrios thet are edible on of which a good jom and preserves can bo made. There is mach variution smons the

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bushes and possibly mome good seloctions on be mode. of walue enpecially for the callez regions ond hather alkfados in merion. Sow on a somewheb shay mot, treen the soll dunt, Floedod 3 lot -1 RaI.
 Cood polos cor butlating purposes, stomas dry ale very woll, bret loves
 Soods nere very hurd to obtun. Howlod in combetion with the Fowentry 3uronug 音 pood - -35 tuls.

 deconetive gratum evergreen in cold and dmy recioss. To be tostod aspectally at Honden. 2 3 b . surriciemt for the presmb - 2.00 mbls .

Boolodendron dahuricung proutily the humitest ithododondrou
 Howering in onziy sumer with maswos of small blus. sh-purple clowors. Yay be used in hybridatation work. Sow aut on peaty, moistuxe-sotianne soin, in a semetchady ploot. 120 is surfichent -50 trop.

 beavy trunks than the oratnawy Soatoh ping. Of wiue enp. for the
 Burem of Porentry. 3 yood of need -55 Rbls.

Qums rumle yar. a nutive form of this hurdy elm, cble to

 for the present -2 RBls.









 1

















 bo tostod th Momdang probably itt to zom belts of aheltos frons


 hedge material in dyy cold recions. Of geacson wse yrobabity st *addon. 1 13. af seed nufficient for the proment 1.50 Rbis.

Socisnd nveneeg, a very 20 growing shrub, very hardy math


 tromely dry and sundy praas. So be bestod for its usorulnest at


In comection with these Tunsiat waichen, I moy erplech



In cane You neroe is tho wey I made out thin liats

 monog mitters from this stee of tho lobes in will be willing to ho so.

















 $0 \quad=0 . \pi 18.0 * .6 \mathrm{E} \quad * \quad 2$

$$
8+. \sqrt{2} 61.3=3600+1
$$






Thore in in Chits eiso a bernek ot the russomiotatie bume
 to mpxage rinncan matters that this Now Yoxt bxach ond notify Mis. T. to thot offect, coryemponimoce to bu in Gemm, as Hre. T.


 sired. Anyway I 21 so 2 ith to be kopt incommed routhly whethes you

 deat more, in fice, than we th tirses manose, 5 . I rotiood alroady


 the local maxum here. After that i will be thre fith oht ta and hope to atruice sw to Havoing there I my get some ravil. if all moes
 Guickly on to shantung to got the seodless jujuben und other thinge.

 are nl coverod wh pina Cososts, dul the aiz is axiziexabing all

 ovan Hashatnctor os Modxich

























 bompted to mm over to Fortacheable and took fos Whe 3ages-motitod
 thountains. I sagpose, howeves, I vetheg cut that oxt and go move
 etc.
I remin, Tours vory indocroly.

> c/o fmericars Iecation
> Peldn, Ohatas


Dour Letter of Jut. 3 , 273 , was forwexted to me the here and i mee therefrom that yrois Sereent has ment mo mame soedbects ofo

 any buts whilo on the road, on these wes migity littie inherd to
 boon startod top late and with the fullura or gettinc compotent:
 ust instade of early Jovombens.



 sal Bhe














I recelvel e poromi 2ettor from Mr, A, D, Woethoff at
 seveds, he found gut that there was so mooh sond and weste material


 The romeniap 13 lbw, of seeds thise coming muaner and if ha could
 his saction or a collection of raitous marieties of Btappe-divertes
 in this laman propasition.

 man bold ma the the naver received an answor upon some pacteages of apple seed that he had forvarded to our office. pid me receive swoh scods? This same Mr. Tance wrote me since mat told mothat in cuse We thruld be in moed of more sebis of Zelleve ficald, his ohiof. 1K. 0. 14, Nentcher, lienger of the Mowallitolayafak brunch of the Iaternetional $\begin{gathered}\text { Harpester } \\ \text { Company, would be willing to lend us the }\end{gathered}$ sactistanes of his compary. I sugent, therefore, thet his num be 2isted in connection with suoh a possible request. The deneral forwarding Afency of Cerhard and Hey at Libru aloo wrots ma, whatae that the mhplat charges on the shipment of

 Will have to be paid if Mer Tork. In anse it is demed advimeble, it

## mW

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## 1673




 tulnyy hope that this may be mocomilinet.




 btank may Longex in the way to yut a protectorato avos tha romors



 thons.
 Yow el

c/0 want can Legthion
Polinase sumas

















 axilent molym at?


TMx
Tebx. 25, 1913

The Last lonw roport i wata अou was fros Chitw, and was








 Late2y aromut thas 2sst town in too shdy to be ut any use ros acrichi-

 termitary af S. (4. Stberia, whah ho krove wery woll. He tald mo that







 tumbler fall of wild lucome seed and not svon a nomblefroll hat bees
slum-- $\quad \cdots \cdots \cdots$ 301. 24.24
























 mat Jow. S. ILA not gatie know itf wo huve wsitten now to the amm-
 my zonambes that lir. Sectiold maxted it Por his extorimonts,
 Compeny and hoard that agriculture is slowly gprouther ovar the whole


 mos? which is very short indoed in Biberta.

On Tobs. 18, I went segia to the Maseum and havint mastea fog a comple of hours, Mr. Tolmatchoef showed up: but when wo manted
 What they had not even been unpacked and that Mr. S. himeelf da practically know nothine matsoeves wout them.

I found the ramerial stored in a lort, whose dith and dust mere romant and where tho thomomester howored about at mero Wehromheit. It then cumo out that he real botomints a Fmofessor
 and that evexythime was to thet cor the momont. Noll, what cen one ao hore in such a lond: so fev poonle seam to trice 21 fe serioun thero in stomsa.
 of a good rye timb erown somb distance sumy frou Chtta. Te had not been able, however, to obturs it, whe lue will wemd it to you et






















- hadil at ratal


 $3+\Gamma^{n}$
at Washington. itx. Suvari likes to obtain irom wh nanes ot fimm
 Anorica. I sumpost to open us carrosponcence with him, especially
 11shed, as ho ray supnly us then mill suetis of locel foctoresrabsos.
 Itbarim. (Cosxomxonienco 60 bo in Cerman)
 ofino, sumys dry vintes elimato and we laom our tickets to Trabin, OF Tumor to the Stw. humohrzie, es for some seanon or anothar they would not sell us hero ticicets, mppramtly in comoction whth delays at
 bat on Prid. Fobs. 21, we wrivod here in this tom. Both my interm
 1 have some trouble with tho muleg baccage that $I$ sent wy from the Peterabure. Mag have thu most monsonatom arrangementa here in sond-

 and then tre water and mad womn to moking thon thoy can insure it.
 ITGnanese mant to develon tratis ob Dulny at ary price. I havon't

 body to look atter thigg while en moute.

























Weld, this in about all tor the prouent; with best on ropoce S1s0 60 11 Lan tha ocrtom, I remata

> Tours vary minacrely
> C/O Haw shan Kegation

## 5939 ใ

Mation, Monchamits, Mor. 9, 1913




 Wours wery sincrarlys

## 

c/o Ararican Sectation
Pertne Thame


#### Abstract

   anis +2 $3+2+2$ 


$$
-3-a b+\pi=+5
$$



$$
\because 1=\frac{1}{2}+5+8
$$

polctuts Chimm Maroin 19, 1925.
Deam wro Tat renila:


 from al cuatcors of the globeg way hendec to mo. As the number of ny
 thing one cannot firmy be crut be at ease rith.

I have been hunting here for mome good interproter andif nogm







 point in hin Evors but them his myisoh and minese is so cood that is
 Tho west rag inforibz ts him in mavindge. This intomyroter, whoan





## 5cer

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 4 ?


























 suppese some starks abote vut witt 411 erop up hatio and therw. It

 and penosut bestendture.
 Swingle; well, he is hore and ha a heay fult whth get be expocts a





 botale and ect our food. They svon hove brose bends of whoh the mocm








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 .fruarmbor biverg If








 aud6 thoud inly






 away hoo good with the bed

I a in recetpt of three lottura frow youn which I haven't anevered in full, al yet.

Zotter of Jm. 9, 1913, wh melowne of a copy of an
 oil probiens. There fu caitio mone intureathe information in bhis inbervisw. I blould say that a compuny ouftht to be formod to erow

 perfection.
 diralras. I mondes in mat rocion of the world he wemted do mander. I
 may be found.

Tou sey thot Mr, Growverias wante ne to brime back from kuma a meghificemt collection of futographe thell, also fotos of nomo
 hear somewhat wore about this.

I atw way mory that wome of my old filnt have gone bat alreedy. I wondor how wh are gotuc te stom this proceas. The mater here in finime is not azways prese hare in rockny for inatance, it















 Larl ac ye








 I hoge to call on hin vancoves I co to that busy town.





 woro hot maves and blissurds have nuos fean play while onine ie fuld of Eayges rundin in wory diraction, cubthe wh the country in wo
 6on 14 om local flora even.



 Suve to be grown tor at lanst a Jubr wh concined moote bufore they con be shatped to Araction and it must mont the establishoment a

 hopes about obtanine a meal compoteat manistant in Jranda buve not






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 should decert of refuse to go too fos way from tho coast.


 hour 4n the yomre from 1906 to 1908.




 I notsoed white itn Hapbin mat kutcden.
 *** *as cointid.

$$
\begin{aligned}
& \text { Tour varg sincerely, } \\
& \text { Thum } 3 \text {. WHTM } \\
& \text { c/a Sunstcen Tactaton } \\
& \text { potisw chutm }
\end{aligned}
$$

## Bal
















$$
\text { Ery }=-m
$$



$\qquad$

3aaci Mr. Tharatt:
Of late I huve oom into the posuessionmhy of ruite a
 w111 try suat mnsmar them chronologicaly.

 Whande you!



I also aee yous sueroction of mot seading am moxey back







About this perivimun problem. Wel 1, will see wiak 1 can



 crufted on DLompros lobug wh an D. vicinis. Tow Galtcomis I
 ss tis firgt is usen to mptracted droughte and to silime mather in the saik.























 1 wonder how miny groves mill reosver. I mupowe Moloo hes murtirus sevorely.

Sout the pponing of grivabe mid: welt, thia 25 a sore topic, and has xeached of lete auch dmensians, whan even a Letber is boing opured that wes aidressed to my former home-olduees. that


 Mashingtong, I prob bly mould hove a aontoweace bouk sudis athism, cose
 brought up that way, and eves my purante sorpected oup in in, whom we 11trea at home. In my own cuse, that of a maderat. I cannot eivoys
 ing mo cere of the Doparblout.
men I see that thandan $\frac{1}{2}$ slowly advencin: oven is onty 5lovig. I hope ran will te sble to arrouge mith the Supt. of the



 glad to hoar so, tho more as I told Mr. W. to paok them in especinlly good, as they ralcht hove to be Ehappred wny out temt.

Hetter of Jnx. 24, $213_{3}$ with weveral cilpping enclosed



## $18: 36$


 , : . . .














 …








 cifphage uven if all in mot comract whot is stated.




 and that I. cuiland by poton montrated fros this marciopocila, obtulaed axterial for the introdustion of thes. sufubes. How, as a metter of

 The materins I intromeed aume to the purs of 1006,100 ? med arly In 1908, and I had not roceived many nobes ebout them, beyond treme Lations that Br. Burchet in minghel hed mode for us, the thing ta thot
 Fesintant it was to droughto hast mnd alralt, and how the presorved

 Ninged overy yoer, the comorn timic are nearly almay left alone. --jus firt thoubits abouk thil jujube inductry came by reading Me.


 fine fugube frults whilo shouth.

## 16as



























 A. Zappome and a returnud yeramal chook for ${ }^{\$ 1,00 . ~ A 11 ~ r i g h t . ~ I ~ a m ~}$ roturning horomith litr. Equpionais Lettar, thich my ber filed or dentroyed




 pose there will be a murylus they my telecraph mo the omont I have to retum, seter my mecouste, uy to July 2st, have been sotthed.

Letter of Teb. 4, 1013, with enclosure of a newstetter of

 so muct yare afteation to dexiculture now of late than she did formerly
 That coast towns of Milme seon to ive mais buthep to find decent help.



 the sua.

 sumore, then you cun moke some big tostis whit them at Mandmu and Anem.
























Ais 1 and



Shi you say in case I seguire a parchant certiflemte from the secrotary, sou will procure it. Well, for the present, It thint
 कurricienta

I notice your remank fe the bie freese in chltroma. Well, it mut have bem a gryy stat in some placen, The radicel pemady fill be to move veriout inlustries furthor South,

Tou give to say momethine about this Mant Introctuetion



 A monthy mew lottor, etc., ete. Fore ac fore cortente ars conm comed, I should way "lt fills a lon falk want:" ospectally now that our orrace has grom so wixch med that so mony of as luwe little or ao orartunity to saurch the files and see what is baing cone. I for instarce frana a fand of news in it thet I cortainly movil nover have eften in arg other mug, the the movemonts of former anacciates of our ofrice, and this interostang letter of inr. Micombt bout the
 es it boing all of us more togethes and aclees us more interonted in all the good motr that is groing on.


 other dag and he suld he speated the in terich would hove arrived




## okanhoys























 pose we will acon know how smbera atond. Te tola me he had rem cozved your letter about these afratrs.

Letter of Mab. 5, 2913, tollum mothat boch my acooumeta

 severut montha bafore the Trgasury Dopartament sexds man the Mand Satshamatic.
 Whe ask

 10 your handa.


 manted to go to hia homy in Thantsin ta prepare hanelt for the
 howevers thexe soma to be a com otricmilies, as the oxinese gym


















 . $12 \mathrm{l}=\mathrm{r}=\mathrm{m}$ at



 shby









 mich atisi may arxipe tr good shope al Chice, is fujubee budmont
 I oupht ito have buen hore earlles but then atcin the yroblem of batoty in the interiort mow it in ilowh cottran botterp it tho ta

 clan ry thore before another year has pawed. i seads now and impe to sent you a manbor of byce fithin a condyle of dayw.
 2umain

$$
\begin{aligned}
& \text { e/a Anomions Lagation }
\end{aligned}
$$

Ya siberia








 A!


> mataned matyon ala
> atsian unt
$2-2 \cos$

$\qquad$ .
 $\cdots \cdots(2)$ $12+2(2)$

Poldne, China. Max. 2\%, 1913.
Desy Wry Dorset
 here 10 percole, cont intres sends, scuenten wis suan botaticnt hooks.
 of seeds, boaxins the aumber 1782a $-1809 \mathrm{~m}_{8}$ inas.
 thone (soparate preces); also 25 sman ormpty exply onem, thaws bo bo sent to the hmold krboretuan wen mbertal. hat bean put into ther, And now some cotais.

 Whey see weed, howovesi iet poopla be caremu whth thex.


 handful of aoed. to Drof. Strgents the Movestry poople my wes want somo of 1\%. Send some to Alank and the mountanco of Tlat: Hargishitre.



 sont wo Prot. Sas gont anc pertapa to the Turew of forestry.
 Surctut.

3Hencut $\rightarrow$ \%h 7nab












, Lich mal th oflalnẹgo




. 0 2lay









 Sartcont.









 ovazaxem windbroks.

 Faxgon sume meedin.


 - ebe. - gic.





.1 maxelt . 1971













> stilinfllete maveross


calons mose tonnal





> Isforec adien




 Mr. Ahreal hohder ere vory nach Lnterosted.


 1mnc, Ores.)

Th. 180La, Mut muxngela
 cut thene hybrid needm, broakin mp fato dirforent strane is boumd to follow.

 contrect now, fhat iss withim a month or so, I en comer the maricot here in Itorth China. I probibligy could get as mach en 500 lbs , theas the season is roods at a cost mot ove? 200 or 200 Amw ricm doilats,
 re this matter.



 ste.

To, 12008n. funiperns atmuic. A very havidy jumper. Hay thrive well of Mindar. Sow eut on a amowhat sumity soil.

## 2nald




 pel .ande bata $x$ a aly





 $2+0.2 i d x+a$
















 sead of Ree sey ciem this lot.

 tested at Mondan.
 durura meat. I hope it folls in the hends of the ringht poople. I have mover as yet hemed whethom my of the agronle I sand in were of
 have bam of use.

 seat to Prof. ©. 3. Sersent. who mokes a apecial stuly of thess bhing .

ADtatcal strule a gosary, mane Prom ofome of a wid



 With me or mend in from time to thro.
 Cabarlum pimela (?) fore the seed collection of the Dept. of A-riculture.

Some meedbags bo be sent to the Amold Arboretum of ter seefle hrye been plaged inte thes. Now thot it man miows to sead






 2, vecient ta lariat















 , orutle








 2 dow mat tex.

 Tomsk to SMor. G. S. Marcont gt Mostom would you plomes retorweral Thaw to Frof. Eiturgent?


 mhelf in ray roou? The books are gron to nil who my wat to perm

 Thase also my be put uy in my rwow.

2 onanose books, presexted to me the Agricultural zep.

 mat when we wext therse on Marol 10,1913 . The Depurtmontel the bracy maty for thene.

 Soukch, then we puy no yombece and it is mefer, too.






 20.




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\text { 15. } 5 x+1=181=4
$$
















 mont.

I also anclose herewith 28 Invontors notes and 3 wamie notes, givinc lnformetwom about this aforesel d shipmont.

Trusting everything reachos you in good condition, I romana, whin idndest regurds to everebody in the office,
Tours very anocrely;


$$
\begin{aligned}
& \text { o/O Anearicnu Legntion }
\end{aligned}
$$

Totiag, Crina, llaroh. $84,1918$.
Dear has, Watrane:
This morning ney asictant Belivared to the Anertern Roger fion howe 2.0 promanes, comenming seads and booke, with will be formardod te our Depmerbont wie Mplom: tice Pouch. I wrote Mr.
 this routine ratter. I enelose horevor a sot of inventory notes In duplicate, in anse the lotter to Mr. Borset th should be miscarated.


$+\cdots+2+2$






## 





$2-\omega+$

$\qquad$







 $\therefore \therefore$, deats

I fave bean paring the pexalty of late of beoandig well known. Fany old Prionds and nemanimbonees have been payine me wisits ond occugying ay rether waluble bime but of course owe

 tac America.
 my Soumey Irom lukden, or rathor Marbil to hore.

I beltove I wrote you that vo artved in matbin on Pe3. 21, 2913. Well, I have not boon foeline wery well there in That city and I get an atback of fever that put mo bed for almost a whole weolt, and I had some moments that I folt roelay downxisht bad, with mouns in the worde of in explores then. I really was
 and hot tak and manking up min whot to let this thing koen me Rusy from reathing Pelling.


Thile in rotrine i hod acveral poople intermpotinc me and as I left in the of termoon for thit efty bore, 7 will contimen ry


 burg and who gave me lotter to this gentimak. Mr, Indajne has boin in Kansu, tibet. furkestan and and precticnlly all points in Northom end Centrol Asie end has rouched at more pormen thon




 s 4 argual pail









## 

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sathicaly , theot









 3tulted. boteyy in his younger dayg mad did the colieoting of hinis Coz col. Komlov, but be is not a botrmists howevar.

Well, Mr. Ladseme innisted, with true fassian hospital14y that my Interproter and myene whould mice his home ous ova, ma Se mbertasmed us for pr ationdy two dnys mithout mvirum us may







 tion of bhe Scuthwent: soan of the worthom mount-ins ory quite



 primevien, gmatiang, ocohtas md muy atherei mone of thene axe































moke prosent of mane or grater Falue. kein, at lasgo it
 wlixaee how thinge mave there.

On Yobs. 27 I thippod ny gumplua bugege from faxbin and the now s month has possed, the sturf has not tumned ve get. shich

 mrite agaln buday.



 the whant frado in the other parbe of the rorld, for, whise in morica
 In Nonchuria it \&s just the highomelecd whent that is not wantec. uality counts for wory 1ithle; anarpness is the thing. The whent
 practice no selection and ywy no special attention to secupe a bettos suality of whemt. Then iat the last gis. Fours the pricee of the tixee stogho croys in manuma, pie. Soy beans, whent and sorghum, hove

 per ecregge is to tho Chinose farmer eractly the sames, mad now with the bie domme for noybouns it only moans a fow hopack mowe p.



## NES




 Ftale, 解


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$\square$ - vilod abughelitr

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TMuxy purlia (bie apacimens)

Trasimas machwolea fardius odsed)
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Gnatortis modemeta * 8
Syring e (visomous)
Junmma danustea (finu specinara)
malus boccata mandahurtca (


queroves " if if है
5altr ap. (ratics stunked)
Sambucus rmadnoso (thearous)
Govylus manduhuxion (mstix only)
Splxaos sp. ( ตmi 11 ( grubs)













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(kusilase men) Earab minora



 (magengle) whasen memaniont
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[^3] town.

 2f bomock, 12 by myone *






 practice.








 14 Comtrel Hanchutia.
 , 3
 bo throp A itio , nomarla


































 Lomper time thas Mr. Parkes wis kept. By the woy, the mite poonde




 On March 11, is Mr, Wullaner, oonetanle of the fmerican Con-





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        5 ER matas 4
    * trunostum (mavil. ylavm(grontag)
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BTomas farmenaluca (vigoroua)
$%rus sinensia (thryvine)
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Zarcox logtoloyus (mmull)
Truslmus mmogmas (vi|prouat)
calix sp. (mrygontaclav)
Yonqcers tatvaies (somenhat stunend)
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#mus tonesflamat(monn?%)
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## (







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personnel: in how tar they do mot agree onone each other tins trip will teach me some and then changes will havo to be made aerin. We are hevins here very cool wouther and I on in hopen that it will otoy so Tor a while, civing se a chace tharent th to get sooe material yeto

With landest rogards, also to Ali in our orrice, I remein. Mr. Taircinild.

$$
\begin{aligned}
& \text { Tours very sincerely, } \\
& \text { TRTMR \%. WEYE? } \\
& \text { c/o Anericen Wegetions } \\
& \text { Pelcing, Ohina, via siberia } \\
& \text { Paikenfu, Whantums. Chins. } \\
& \text { Aoril 4. } 2913 .
\end{aligned}
$$

## Dear Mr. Seacles:

This moming I deliverod to the Chinese Post Oeflce in this city 3 parcele oont inture boutethor th tountles of achone and
 a dunlicate set of inventory notes, which, aater on they nny want at the main ofrice at Washington. Wpon receint of this
 and ask him whether he ronts part of the jugube scions sont to Virious adipossen is Tecres as wh have soms vary mucocseht copperators there in rogard to jujubes. Of course should these jujube scions arrive in bad condition, thon nothtne further nood bo





antofmat matrant ola

## ainMmele anom sutibl.




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 $\cdots \cdots \cdot$ :
 $(-10$
cone about it. I luope that the jujube stocks Jou possons these st Chice sbill minit boing worluod and that thoae soloms also have not sprouted en route.

With kind regurds to everg boay, I romain.
Yours sincerely.

PRAMI N. ITHTM<br>c/o Ancrican Zogetion. Pelang, Cntra.<br>Tstnanำ, Shenturse China. Axry 12 5, 1923

## Dear Ur. Dorsett:

This moming I celivereds fet several difficulties With the Post ofince had beon overcome, 3 parcels to the 10001 Grinese D. O. Rere. Those 3 prorcele contian in wepre te palages With cuttince, beazin: the meahers $3027-2030$, incl. and I pidrested them to Mr. W. W. Jocgles, in charge of the U. S. Plont Introduction Garden at Chico, Callfornio. I sont Mro Jontles also a letter. tolum; hin to telegraph you whout this shipmoat when 10 aspires in Good shope. bocsuse you say think is stwionlale to aent port of the fom Jube soions to sone of our Texas cooporabores. sons of thom ware quat te suocesctul in cuving some of the muxur piclation of fomme chapumtio

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## Rytill TH


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Et:
















If ha hove that thit whaturomt reachem chiou o. 1. sed that













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 All in the orgica,

Touren nowroly.
NANE W, IETMA
v/o Anarican hegrtion, Futiac Chima
7in 310 risa

Thinantu, Smatume, Chise

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\operatorname{AgmX} 11,1913
$$

Dear Wh. Jowwelts


 would 14 ke to we the gemis buling soma out ef curco: 8 prare (lyrus



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 A Rlavor all of its on which is mproctated mer iche away by wa




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Youry very thouraly,

Ran雨 4 ynn
 Peltrixa Mosna Fia Sibexia


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 they will come in hody for 1 motmmalide morto






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Eand :3tion
shamy + If

ABMELA

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Of soms subjocts, 3hko the Bemboo project, for inotances

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The ice-house victures, Non, got and 905, I consider very






 ofror suggebtions to you and otherr whon houred are of more ox lens
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 ppecial walu to tho woro arid section of the thited gtotes. There are man fotes of witi 20 which are of interent

 Frotessor sumant:







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 3e. Yedrochles

> 0/0 Amaxiccuat Togstion Peklnt Ghisa V1a 3iberm
polinge thont hay 9. 2918.




 End also 14 yullow silpa with the ont mone charmotexs on therw.










 , 191 - 181848
$\qquad$









I hure aome to the conaluelon that it is Fom desfrable
 Hein a copy of mech Lafomation for ngrolf, and twesefore I hwe oont









 anderstand the ant of walne tine pronerven.

















































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> Yourg stncesvely

Whate 7
e/o Anvericm Legedion
Fallus, Gun
Wia Bybarta

Petrim China, May 10, 1913.

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 control evervining as usuad.













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- Se Etar























Touxs shan Feq,




















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$3+15-19$

# Peatims oninta 

May $12,1913$.
Dear hav hoxasate





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 Tamas sixacyezy.

FRAME S. METME
c/o Antwican Tocegation








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## Eftathent









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The semate piogrver lotua 18b ie wor inbarnstime an



hurevie forox $20 b_{3}$ my wioo bo migrea.

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 tse trant.











## 4318















> -xort Elnt is set anomat

















Well, this 83 all for the prement. Wht both of regratis, also 80 an in the orisoes 1 remadn

Yours encotaly.

<br>O/ Ammican Legation<br>

Foting onima hav $27.192 \%$.




 whth rotos. Woll, I worli lute to do mo. but as I ma cravalline man












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[^4]

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 vel1. I surgowe you win in the min acreo whth me on this poimt that



 in the bi-monthly malletin, Wolls as, theme two coumbrian otfor in


 roona, feel goon that ho iset in it. Then the widtoulous roguletions about enkiwe fotos do not pomat travellers to that rotos at and
 anouth to chve ene an uncoracortable thans.

 and as it haw prowen to be se tuikorsally hurdy.












































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Fis siboria



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& \text { 2.then , } 38111 \\
& \text { aske nalsol thole rinstmen ofe } \\
& \text { atzodis and }
\end{aligned}
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\]

Foking Cham. Why 10,192 .
Dong Ms. Waxwollas








 ing puper on this subject. Tow these in a future hor gonm of these





 360t. Chestnuts are not too common in horth chims ond one onjy finds

 on those chestrutas. Hove those two Chinese chostrat breos on your Whace 3 In the woods" proven to be immone to 紬苦 bitchat



 to you, if he has any to spare the summer.





























 That my bulky buncees has arrived at hase it ma de to poxic mach



 quite what to fobocreph and what not. If I Iootr fi Profacoos Rinct
 gevor wouk hou fatoxa winde othersi 7 mould haw got ins






 orf sevorel thing that othorwhe I rould hmve don lone ogo.






## $-1$













-81, fly . .














I sion truly gurprised boar thet the lantomi pleture of




 crunl looking like the insects hwe.

 the articio you and was. Sirmanda wote on it. Strage, that no ome alse avos shout have foted it. It looks so sumule now,
ve bost congxatule tions with this \$14,000.00 tacrease for



 Whe to have been there, juw to see how reaple took thene listia morsels. Amone the jufabe maples which I seat off a woote or two nce, you probably

 for the rese.

Well. for the present I had bethes stop. In another lettor I
 1r. Pairolelas
Toura very olmoure \&y,

GRANK N. MPYMR





















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> Nifmocar per tmaot

















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$12.12 .-14150,015$




 $0.61+\cdots+3+818+8.211$ $2-3+1 \cdot 8+4$
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 vrote in thusctato












tedinald: yous



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Sether of march 24, 2023, with enolorutre of a cory of
 Letior Crum the Aurora Turneries in mainels to Hro Teter Dissot about


 tions 170.00.







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צiture pext in ncaro<br>Tante mo mras<br> 

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[^5]







 and I. we both thousht brat thay yrad boon lout in the mian.
















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 ands s.an of it













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Would you also be so hetne and ante the Youne thither ho athat







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& \text { Toums oinoxely, } \\
& \text { puw Io, vern }
\end{aligned}
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Dear






















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trath inell bey

 (Shly Moon







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Fonke wary curoomelya

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ofo Anontountucathan.
Toling Tilnion
VI: Sibres

1881



















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duacomay hathoy 6arl maloi selt al hondre whinh

















 matrian anueng.



 Thime bile sese spoulis, which my bo for bo the milinily of the ordinery


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 - yomes mula























 Stmon probien begw arown Iwing. Thon to got a buhad or two of Thitmorry itonas, moan to cliwh comtrusts for soveral handrods of































## 27A





 sontly howreritu a toxtal in the monmekn and pinine of Thasel and
 In. betwan yet?



 Toux wors civocwoly Mative N. Mryat
a/o Gmatcan 5anmblon
 That Sixamis






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Ben Tuss rine, Chili, Exow, Cheme
Jome ts 2018.

Dons Ilso Fazrohiles
Here I an sitting in h Ghinese an in an old dilopetatod
 and heve boon butay for soverna deye solaeeting speelwan af thie
 this Ghinese funguit is apparontiy ths mave se the ons that kil3s off the chestont troe in 1 H . H. huowica. I hope to sond a cenhem Gwoth thro the Amorican Lecetion at revinc sbout this disoovery to the seoretary of Agrieulture I an also onelocine a smull pioce of bark with this fungus on it. Moro matorial I hopoto aond off sron flontain and Polunge

Hore are my metn obsorvationss
This blicht doos woty by fax, fo as meh damaco to Ghinose Chostnut treas as to the horican ones.

Not a single troo aould be gound whith had boon blllod entiroly
 beon rontvod by the ovormactive and sconomid Chinose famors.

Doad litrbs, howover, woro oftan soon mnd many a mevmound showed whore 1 kmbs had boex romoved.

Toume trese end trees on $10 v e l$, noor soil were much more severoly attackod than old treos or troes growing on sichor. sloping soil st the baso of rooks and hills.


## 

























The diceess is apparently losing its virvionoe and the wounds on the biecer majority of the troes vore in the prooest of honlingachore

The Chinese fomers sacribe this diswase to the wopldyc of cetarplizars ${ }_{6}$ grubs and ents, whieh are very Proely found bomonth the berk on thoso deseased spots on the main trumke and branohes.

So combat the dinease they sorepe the beple olean every wintors or exply gprinc. Theetthipe of bert are sil aoliectod, thad up is bundies and sold es ruol.

This Chinese Chestuut does not grow to sueh sise as the Anericen ono. Irees ovor 40 feet aro rere. They are of lomabronehing hebite with opon hoeds, more or less in the way of the Buropoan Chestmut (Castanoe Vesoe).

The lumber is hard but oven a good-sised tree produces relew tively little good lumbors.

Old wounde are to be obsorved hore and there on emolent tweess
 have taker place.

The maximm age of this Chinose Chostrut as seon in its native
 are slromay in domey.

The tree is not a fast growor and doos not begin to boar untsi $18-15$ yeure old.
-
The buil best sulted to thess chostruts is a warm, wellocoeno possed grandte, whth pwpheot dretnego, whise se loosklty they love












 , (astor atrocina?)

 atadint Lock atites virits

- $\quad . \quad . \quad$.





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[^6] Gqu


The velloys and ravinos in the lower eltitudes of the Rooly
 chestnuts.

 night be sude to croen it $m$ th the furarionn apeoies trying to give tho last ono more herdinoss and resiateney achinst desoeso.

The nuts of this Chinose Chostmut are not a.s lare as those froa the Suropoan and Japonowe Sorns, but thay are vory moot and aro in groent domand in China,

The eroat Chemtnut distriet of Morth Chane lies in the mountain


 ISenteter to ohem had hame. Nont of the treon soon seon Eo bo ordginal groitil, but sise plentetione havo bsom sade st the foot of the mounthins and hills.

And now I have a few questions to do, whileh I hope you or somobody olse may see pit to enswer.

Who is the man who Paret thoucht this ohestrut-b)arle fungus might ocous in Chine and watht wore his roasons for thinking sos

Could it have been broucht over in shipments of japenese plents? if so, this sume dosonse might ocour in Jupar, linve you writton to some

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 $\ldots \ldots \ldots \ldots+\ldots=a+1$













 nelted ba mant





## 








 this sent spoeles in Citna, it will artoet qio wholo ohostnut blicht Eituetion in fmortos". Please stete in what way.

What is the remody used in Amstiean agelnob this blight? That I see of Lt I would suceest an spreytug of bho tromiss and ranchos in


 thang mtiolg ent sitinge that mould provant than frow mproading Ahatr aporen and moukd miao grootly leswon the olunce of handtivy beon oucolin: this suagus, by makine bhoir burt not a good mecoiving


 suppose the only thinc $\$ 8$ to out down all troes winda aro atbatmod
 the nozwatroated one.

I ant of oourse, not en oxpart at this problon axd I slmpzy offot thoso suctostionk at thoy cuno tnto ay hoad whio thinteing about postible moans of enockinc thi tomatble blight.
 all around and lovely walley muming in overy diroction End the

## 

















## then latathevor alt






process of deforestation has not edvanood es mueh hore as in most parts of Whint, ihole mountalnaldes are still clothod with pinos (Rimue duniflome) mhile at the lowor frizgos mo finis dhentmush, three spectes of oelch, blediorpod treos (Hosirehtorda penioulete) and othior moody vegotation, I found one xwimo tull mith widd payode
 the ordinery suttimeted Jophors. Ls stiply "Orel. Bley" In a Tield weth barioy, the ordinnry tong beardod verintr, I notlood tho oulhor diny wemo spocinons of IJordown tricuspidetheng this is the Prast time I have Wove across thit forr, it ney intornet fir. Desmo
woder worted to lomve for Tans shans a day and a hmirs journay by cart from hore, where I want to tolm the trein to mentaing but the rain is pouring lown by the buakets full ond we heve to postm pone our triv.

Well, trumtine all this infometion is of walue to your I remmin, Atro Fetrohind,

Yours very sincerely,
(s) Trank in Weyar

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\begin{aligned}
& \text { Poldny. Chime } \\
& \text { Jume 22, } 1013 .
\end{aligned}
$$

Doar Tro Fairohilas
Fostordey I arrivod hore in this eity after hurinc boen abanst for 4 meake axseldy end lerint surfopod sorored delays thro various reasons.



















Tmyat ath stang (s)

(2) shirgual sell quac



> skyoten toviuv
 seon Mr, Wh13Ams as yet hero and do not kmow whether ho forwarded it. On
On June 16, 1013, I sent by the Japanese \%. O. at Tiontsin
1 11tble box witi smples of the chostrut fumeus disoesos ent some other rumet and samplee. Hereerth 18 tho 1 Ist.

1. near San tun ying, Uhili promes Ghine, Hay 51. 1915, Chestmut berk fungus at bose of branoh, badly atteoked.
 of atthoks on higher ports of branch.
2. noar. Saha ho, Chil1. Prove, Ch1ma, Jume 3, 1918

Chestnut berk rungus on a bediy infostod troes. (roto trakon)
4. Sen tun yinge Chil1 Prove Ohina, Hay 30, $2913_{0}$

A funcus at tho buse of a chestmut tree, gromine on dood wood. 5. neor sow them sings Ghe11 Prova, Gina Jumo B, 1913. Red fangus on dend beris of pomulus albe tomombonn.
6. noer Sax tun yinge Chali prowe Ghine. dune 2, 2225.

Rod sungus on doed burk of thellodendron amatonso.
7. nowr Son tum yinc, Guisi Prove, Chtra, May 29, 1213.
 Ghinese ohestmuts.

Would you leindly give this riaterial to Ifs, Shoas and othor pathologista who aro intorostect in this Ohostrut discame.

These two smples of thount on dond berk of populun albe
 somowhat whumal sud are osourping in this sun diatiriot ware the goal Ghostont bentt fungus is at wotic.



















antublyily -.acha

4 Gund




 a Snall box with Ohestruts to the ofrige. They are peeked in moint, powdered oheroond and aro numbersd. 1367. I wonder whother they' 21 arrive alive, for sovaral startad to sprout wion wo pholsod then ing Thay may be plantef at Trurrem to see is they really prove to be fre mune to the Amoricen from of the Cheotmut bark disonge.

On June 17. 2015, I dolivored a large onse with walnute, wind
 at Thentein, to be forworded to ilir. W, A. Fopper, U. S. Despetah Agent, San Pranoisco, Cellifornta, whan I will request to athip it to Chiso. The bills of $I_{2}$ heve not oune in as yot, and I heven't writton thorefore If. Cooper yet. This bose conteins the followinc mumbers 1858e-1866m inelo, 1808nal1972, inel. I enelose horowith tho dupm 2icate imyontory cards eovering these manherg and am writing lif. Dorsett nore mally moout this. shimomb.

I em onoloninc horewith a Letter I rocelvod from the inoriean Legation here with enclosed opy of the lottor from 130. Iryme s. Afyers,

 be a protty hard problen to obtain soeds of the Koroan form, whioh Dr. Erue desives as per your lotitar of April 19, 1013. ilf. Mllilams tiold mo thet, for so far as ho moms, the Hoween Ginsong is by far not es hichly estimated anorg the Chinsse es tho llamohurian ones. the 2 ant boing conaitored much more pownoful.

As I do mot know oxectly whether her True mate this hanm churian Cinseng or not and as I probebly will be far ewey from Peicing for a lone tien, 1 mygoat that Dr. Jrue talme up oomrompondonoe thre the Stinbe Depertiont mith tho horioan "oneulate nt midens














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## 






Soon I hope to send off some more colleotions. I an almo in roealpt of nowerni lottore fron you. IHy own haelth is ell pight,
 end he sideo has had shemense in his fe-11y, Frobably due to the olunge of the soamon for the rainy soason has sot in moro or losse With kindest tercards, also to all in the orezeo, f romain. Tours very oinceraly.
(s) Prante 筑. Woyor
 Investiguting the thostrut beris diseese.
P.s. I have boen 100 k .ng owor an old letter of yourg, datod June 29, 1900, Whish alao oontainod is eopy of rensplot om Lowoinurten olnwany:

 has been grom in murrow ledeln ble volleys mmong kie nomenine from meed. It bleroforo oupht not to be toe dsfltoult for Dre Irve to obtain seads in the auturns, thon thoy aro $1 \times 1 p o$.

$$
\mathrm{F}_{0} \mathrm{Fe} \mathrm{~N}
$$

$$
\begin{aligned}
& \text { Peking, Gutna } \\
& \text { June } 25,2913 .
\end{aligned}
$$

Denr Mr. Dorsetts
Oin oune 17. 1013, I delivared 2 large bor with soeds to the orrioe of che entrane Yormurdine aod Gxproen Compay at Kiontelw.

 U. S. Plant Introduction Gapdon at Chico.

## 32 If







Alimatade mas mavt











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\text { Win? } \text { ? }
$$


Lina atelion

- 87. 8 , en mik






The oontenta bonk the followlue xambors 1060 an 1000 inelusive.
 3nvontary ompeis.

I heve a fow renarlcs to make ro dimpatel of these scods.
 partly send to other people bnterestidd in barloy/t. The morghuabs No. 1859a, 1800a, 1861a and 1862复 may interest lis. Ball, or his suceeseor in this 1 Ln of woric. The sompees (e wrone sman for a

 are also for the optloe of Porage Grop invorthethonte of the zast manta boan I wish Mr. Froeman at Tuoson, Mrisona, would reooive a Fow samplee, as ho is intorestod in all spooios und forme of the
 to a spowialist on these drooplng mallots.

Tho walmuts, 1068 m , meht bo sown out at mieo, I comot thent all will cominube any loncer as they are thrigie ole there aro a Tow thousend howewer and sose atuad oblelte be obtalnod. The Goneut
 minute "Henchurian minurb" " but \& bold him that thide nononelecure
 minuts cultivabod.

OR the wory pronising Chineso bughmohesmy, Prunus tomertosas
 yet. I mugcest to sond afoir duantsty to nandan. in onse thoy ato able to handle then tharo.

Would you Hindy writo to iro Boaclow et ChLeo, whet you






















## 






oxpect him to plast there and what not.
I an also in rocelpt of Bovaral letters from you which I shortiy hope to mawar.

With cindent recaris, I renain,
Touss aincerel?
(3) Tranks 30 Weyer

$$
\begin{aligned}
& \text { Poking, China } \\
& \text { June } 28, \text { 2015. }
\end{aligned}
$$

Dowr Mr. Dorsette
A fow days ago I dalivored to the Amoriean Legation here 1
 bresioh of a Chestmut Tree, whitol henal lind beor enitrely kithod oy this berkodiserse.

The material was oolloetod noar Sohowh, Chill, Proves Ghins, on June $3,2913$.

Then I also delivored a 14 tillo bor, sown up in cotton cloth and maricod moods.

This bos combins a mancor of thincs, whoh I horewith will

## onumerate,

1 smell quantity of stonos of prumus tomontose 110.2872 a . of which I sond the buik in a cuso with soods to Chico, thro
 quantity mifht posarbly be sown out at our Xarrow Gerden.

1873e, Prumus spo (perhaps Prunus peuciflore, vide $\mathbb{E s}_{\text {。 }}$ Beotsohnolder: fistory of Europoan Bovenioal Discovorios in

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$\square$

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 mation ondita.
 $\ldots \ldots \ldots \ldots \ldots+\cdots, \ldots+\cdots$

 Batcave . Win mex






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\text { -res oc ents }=
$$




 (3)







Chink Vol. II P, 1052). This charry of which I Eleo toolis a suom cossful photocraph of a platomful of frutts is an intoresting follow and I wish it would be iroatod with gwaat cero. Onico might sutt It botter than Xaspows

187A Brunus sp. is a botter variety of the procodinc mumber.
1875. Prunus tomontose, with fruits of a pale rod color micht be plantod at Chiso.

1876a Prumus tomontosa with fruits of a whtte color. May also be plantod at Ghico.

Sorngle 23b, Colocasia sp., a fow small oorms of a dashoon whish nay be of intorest to 14. Tounc. for it is belag frown hore
 as long as in rogions those dashoens usually thetivo.

Then there is in this semo box scrormal samples of fungi, whioh


1 paciage, Ghegtmutaberlc sungus, collooted from zany asfeoront troes near San tux gings chili Prove, Ontnea Hay 31. 1915.

1 package, Chostmut-baplk fungus collaatod mans Sen twan yine.

2. pooknge, red fungus on dead botk of SWlite sp. Vollocted mons Tie yt tohance, Chiti Prove, China, Juno $S_{2}$ 291:\%

1 puokage, a Mxomicetun found growing on a mound boneath Pino treen in grevally 3012.

Of ontomologicel matorial there is I prolxage with soalos on


1 paokage soalos on wild dujube (2Szyyhue sativa var spinose) collected at pokines Way 21. 2923.

## gard







$\square$ - estris ta jowralf ed
 socked da nodmata od ora

## 









$$
14
$$





atoo fixavery ch: Bmend ond




Of herlurium matestai, there is a paotraee with soods ond seed copsuies of Poprlus simonit, oollocted at ment Sma furs Tingo Chili, Prove. Chine. Miy 31, 2915.

1 pecleage of cast off youns truits of pyaras sinencis (cultivabod) showing tho memarimbly lone pelimale is wht shoddod. calyxos. Collected at Son tum yinc. Ghili Prov. Ohtne. S-2I-23

Of Dhamesutical interest there is 1 pociace with a ofrult
of autive Liquarioe (Prob. OLycixthimb unilumis or 0. patixathenay it may be of interest to Dr. True. I man enclosing harenith tho inmo


I just received a for mimates ago the B. of It for the Ierge case with seods of which I wrote some daws ego. I an motifying now Mr. . A. Cooper and IIs. W. M. Benglen about tius matter.

I m very busy mon in tescribine the meny photos I toois of late and with the matent; un of accounts and repores and umportwantely the wonthor is cxceedincly hot ank close here.

We11. with dindest rogoris also to everybody. I ans Tours ancereit.

MoATK IT. MTMER

$$
\begin{aligned}
& \text { Pelines China. } \\
& \text { June } 50.1013 .
\end{aligned}
$$

Dear Mr. Beasles:
Today I recelved the 3112 of Eadims ror 1 case with seols I shipged from Gicutask on June 10th, 291: Shis ante contasum the
















 ostervath axal! ....... FITy of $=\mathrm{K}$
 viser arm amblat $\qquad$



## 1746e

 nbout this shipneat to Hr. Dorsets nlraty and ho no docbet till urtire you re the disposal of these seeds.

I nog, however, herowith give fou a 11 st of the contents:

| 1858a. Horexurn sp. |  |
| :---: | :---: |
| 1859a | Andropozon soxdma |
| 2850a | - |
| 2861a | " |
| 1862a | n " |
| 1863e. Vigna catjang |  |
| 1364a soye hitpida |  |
| 1865a. Pheseolus ancularis |  |
| 1866a Panicun milliaceum |  |
| 1868a | Juglans rocia var. |

1869a Vigna catjene 1870a Dolichos angularis 1871a .

Irusting you will recesive this shipment in good conditions I remain。

> Soure sincorely.

Thati ne IETMR Acricultural Bnlorer
o/o Anerican degation, Poldng China.

$$
\begin{aligned}
& \text { Peidns, onima, } \\
& \text { July } 3,1913 .
\end{aligned}
$$

## Dear Mr. Tarrchild:

5 Rorowith I an onciosing one lotter with copies Prom a letter Prom the Ghinoce Kinintry for Forelm ACPulw, re obt Lminc Oinneng sead. I have achonledsed these monsages to $7 / 2.5$. Willims.








階






 MoUno andt nimat Anation soclict antar






-athe whesk
atere a weat
nictabren ent sug



ouz Chargo diffimiron huro mnt havo askod hin to fomand seede to
 Mr. Tmas will be glad should he got smo matorlul is this woto I manclowing heromit: sise duplicate invontory motea
 the uricimala and wrote Miv fulky about the ahipmont they eovervd. Than I eneloae in thas 1atter I emell puakage of 18 photos,


In suparato peolcage I am aendius the filus bolongtue to these 2fowemonelorea rotes.

In still snother apporbto pareel I dav tranmatitins 32 photos
 The saman I an givime these large photos new borise of numbers spring grom the Paet that I would 11 k to to them comb
 photot and tho 4 s 5 thoh onos. I hope you will tgroo with no in this quostions In the ritos, homovor" thoy cem be given any kind of a number an long as we lnow which is mich.

In my anallor photos I axd slowly approeching tho mumber 1000. Nhat numbor shall wo then twho into use?

Practioelly nil of thest photos treat tho chastmut burit disw onse and they are of oourge at tho ontire dicposal of thowo who oan
 plossod with thon.

The pleteful of 2ittio oherrion is antoo cnos don't you think



##    





 $\square 40$ and whaso formacinoswils












 . Mie tin livenilr




3 dollers, all loonl ourvoney, making tt 8.70 Ghiness dolleses, orv about As 30 Cold. Tho onmot indulgo is that too muoh, unlose wo have o lurger amount of the zoedsul 敖 our ditposed.

I an very busy of lete wheh the manorous comrespondonde, with
 an explorer in the ciold.

Then the raing soesors hues sei in and the mothor hee beon expodingly hot and stialy those luat dayn and with whow bao mant to sleep mueh.
I. aamot get any information hare in town sbout vartetions
 egain into the parsimon rogions, Just as 2 hnd to to with that Chostnut disease. Uy big brip into Raneu 12 will postrone yet for sevoral woulk, the more so at the comitry roedil will bo more and moro impasseble as wo oxperionowd alrosdy when wo mantod to go irom

 Gines. Ilow I'Il nake the Kansu taip an autum and winter oneg whale payine Pirst attontion to tho matters that lay oloser at hund. Wy mand problans are:

## I The Choetmutublights

It The collecting of aufitolont stones of hyyclalue siavidinna
III The Collectint of Iargo gumatity of soods of the Ghinose Buak Charry (Frumas tomuntose).

IV Cotting information about the faot thet soveral straine of Temopan persimons moy extet in forth Chium.

#      <br>  






















## 1749

Well Problom Ho. I is protty woll settled, with the oxeoption of a smell guantity of matariel. I havo to send yot.

Froblem llo. II is in course of settlement, for $I$ probably can obtain large quantitios of sood.

Problem Mo. IIT is also almont settled, for wth the 42,000 made I have sant off and the having on hend here of perhap another 10,000 or 12,000 seeds wo have onough for a through triad.

Problom Ho, IV, $_{\text {, }}$ thả persimuon cquestion hes not advanced, any but this will be taken up noxt.

It is very fortunato that I wan already so wall aequainted whth Worth Ghing ead the ways of the people. 1. Seel mueh more at howe bow than at first and en betcor eble to mapurete the oherff frem the whoet
 and I do not 1 in no that itten.

We11. trustimg thet all of the adromontioned padiages roabh you in good condition,
I. romain, wis. Tairohild,

> Tours very sinoorely,
(s) Franic II, Heyer

#  


















Doar ing. Dorsett
Kerrith plense find exalosed ry socounts for the passed quarter, Apr11, May and dunc 1815.

I have a fow explanntions to moles You will find certm hiros rather exponsive, but this loys mostly in the faot then wo
 to roturn smpty to the place where so encaged them. Tuon in apring and oar lyy sumer thore is muoh cield worlc to be cono and eharges aro alwaya haghor then in fall or in winter.

As you will wee the expenses for this guartor will bo roughly about 11400.000 , gold, whth ny om selery end substovemoe edded. Row much this will be above the emount allottod to me, I do not know yet but I will bear this loss nysolf ea I stmbed in snothor letter, somb wh th the dane. Tob. and Hareh account.s.

I have beon trying to be se acomomical espessible, not treve olling list class, ifke mearly all forelgners do hore in the Far
 yoar or any outiaya for maloinal supplion, althe I had pat in guito some money in the last. Yy gutid 1 let go end on my presont assiatant and intorpreter I heve spent also soverel porsomal outlaye. if it
 able to ocmo out with a mall surplus ovono Woll, this is pessod now. For Menden I did not spond much monore for tho slmple reason that I didnt cone eeross many thincs that would bo used there. There ere however a fow itoms that aight some into the naranm nepount, vis:

## 085

## mun $\quad$ ran. 

$\qquad$
$\qquad$

whayd + \%hey







 - .


## 

















Thore there are ny ixvostigations in the chestrut blight sfrumbion Is ous ofrico gotng to stand all of this expenae? Praotioally all the tho and ell tho exponmea for mysolf, the assistant, ond the interparater from lay 24 to June o have hoen in-w ourred for this task, besides photo expenses later ons

Sinee fr. Faironild wrote me in his lettor of Peb. 20, 2013.

 obtoinod for the worle if did smel thorowith turning yy dontett unte a supgius.
I. trues theso are about all tho explnmatlons that will bo sonuired. I an also omelosing a bunoh of subvouchors that myut bet of uso.

I an, UIS: Worsett.
Vours sinaerrely.
(a) Mrenk IW. Heyor

> pakime, Ohzne
> wuIy $10,215$.

Dens Mr. Darsetbs
Horewith please End onclosed my Itinerary noport for the Guartor, olosed with duxo $30,1913$.

As you soe there ape soveral daye of illnoss shom $2 n$ ity not

## Les!

 poulbl min:



## 











plensant neffeir, to bo sure, but ono simply hans to secept it. riekom mess, insofer se it gonsumas htme is of course ofton offect. by one hevint somottmos very hone deye in the faeld man by heving fow Cunday or holiduys or loove when Qut bere in tho se Asietta coururioge Thon you 11 sob thot 4 make oftem nemtion of calling on Thrious

 worts in mixed up with matars peresomel fand often doeply intormowor that one comot roelly moparate theae 4 tame I man not exnetly a Lover of celling too mueh on pooplo or botng vitstod too oftang for

 I an motheing wima with regreta that my work of on krdoay neture, 21te oorrosnondonoe, deseribing matertal, yocting-in, etes
 tratrel by enst or on foot, clumburg in mountaine, ptos, is corm rompondingly docrossing, I roull do not like to wee this change contng ons for the outdocy worte is gixat the one groat atbraction of this exploration worly, but as yot I soe no ehance to lreing a prow found change about. Sono real ealloctora, Iiko Dr. beimer of Woxioan fomo, roduood thatr borroeppondonco and roporte to a minlmun, In ours
 Wo11. hoptre tind roport ronchat wou ha good shope ard may bo of some use to somelody, I romains,
Tour
(3) Trenk II. Heycs

## $\operatorname{ses}$



























Deav Mre Dormeths


 I notine tho foot thet, squarontly wo aro not Exlassed to inour inmureme on our baggages woll. is so wo have to inour mach
 foos bunturs sharge whea comvorbius fovormantal trafte Into Letwore of Credit. In my onm anse, where is ounry maxy yormonal outcect whtoh I constantiy umo Tor officisi puxposee I do sot haw what the Covorme


 Writh whon taured se whon zot and avoh an grarantee in worth a wiole Lot to a travoller 11ke In who 10 ab absolutely dopasdont on 14s bngele to do efficiant wort

To give a 1 titarul thenslation of this whole aubmvonalior Mas 7 We11. Whis would be wary dirgioult nfrair. but this folionine is a correct transtations

Item No, 1 Insuranos 200 Rohales. 1 , month





## E65I

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\begin{aligned}
& \text { what nerilate }
\end{aligned}
$$

$\square$时




























Tho monmt of trimuranse fore 5 ghllinge and o yomue crbo youmor wo. 5. I horamith seltaquish.

I hops those matters aro settled heromith. I onolose horow With tho photoctaphle oopy Jou nemt mo dut siso thtemunt of Mito forencen Wa. G303 and I mugest to fotekn that lest for feture roformeos Eithough it then nots beum aignod by anybodys

1 moxaling
Yourt matnourvyo
(3) Promb Nis Yojes

> Finks dinn Juiy $2 s_{0}$ 2018.

Dear Ific. Dorsett:
This monntre i delavaret at the Anorlaen Lagetlon home 5 phoools, wh anduesmad to our upxtoo. They will bo forwardod to
 many and verled and 3 amokow harewilib a set of Luventury meves,

 $300(1 \mathrm{nel})$ : bestice othor ample which ero not munored.

I an also molosint a small prokage with chorgy poduneles.

 on thom fand belanging to manples Mo. 27e, 26e, 200 and BOe.
I. fool. as usun, obligod to give sume moro informatition and to ofiker sone muggertions te this monerial.























ग10. $15770_{2}$ 3qunus tomantose of whioh I em sematrub othon
 to be huruly in Mraden evons This 10 of sood, togethos with hes
 a. trolal witho miy inhorgmover* had errangod with womo friende in
 Ghey haln't duye it and as bhsis shorry sppoess and dianppoara La only e aomple of mouks, timo wo ooula not get mo many sny mores I
 appesm ancite this plant wo have to bolout thom and rasso ppocial. numed stralme.

 Vol. In. Fago 105\% It is statod thore that 14 did wall in tho Arnold Arboretum in 1008 .
 I had to mike many omforts to got 2 t. Please loop some of $2 t$ for noxt yonr also. I sho would $12 k e$ to soo it boing briod de mioc
 soleot typus that are bost kiaitod to vnrious loonl conditions.

Ho. $1800 \mathrm{a}_{\mathrm{g}}$ an autum cabbage, aleo ought to bo tranted with
 get only a Bmomftuk of seade of thonk no more; we he hes stribed that wo anmot ampett to get any good vegetnulos out of Chima. "ir.
 place while at Karyom thso sune experinonts should bo made.



## 




## 
















 2． $20 .$.








18esa, tun unusuadly storng M1solfa, will also intervet gnociallate upon this inportant forace plemt.
 have some tried at Ohleo.

 coveries in China, Vol. II, Page 105G, I would heve 2inod to eda Ghis information to my inventory sote dasariptiong but as I hnve not seen tho plants Irom which those soodis cano mat es Gucurbitte havo such shmilar seods. I leave it over to the ofskoe to docsde on

 sble as yet to loonte smy. In Chico some soods of this gousd ntcht bo planted many sma busixy treea and allow thom to ollmb up.
 to see \#r. Fairohlta try a fow soade and also Yarrom, holington aml Ontco night be given some

The Indian corn, Ho. 26B7, io of no spoekal intoront, mexept for Ir. Callins, who is on the look out for all pypon of neise.
 fou seods might howrver, bo gom if it is shought worth whilo. the goed. of some of tho prowervod onos do athll frove whon plantod. Porhepe you might got sone in some of tho Chinese stores on Pa. Avonue; lot donobody welto a pow seod with ham ros sarple. 250 Drtad netranone, mitht bo proserved for future rofervences.

## east




## 
























 to those ongeged in Canning probloms. i wish you wouke kindig manly Prof. Sargont wibl a emall guantiby of this meteriel.

Sample 27e, a beanmermicalla, mets be or interoett to all who

 day wro will have ati acmoul harel mumoum in brainington, whoro on oen go and look up thince

On Tos. 280, 20e, and S00, I have nothang to say in perticular. I only sugcest thut tho Burenu of Chomdstry might analyms theso bean produots.

Of the Chino ene chestmut thore Lis quito sono metortal. Harestly
 ahoats wish galla on the twhags othey sheetat whel geate on thes
 brrlum ratertel, so se to help ks ADentiry bhls Gutrese whentmes
 to recesvo an anmor on this quostion. Minis matortal ionot in flowors 2s I was too eariy for that, but not that louvos. burxs, burk photos. ote., aro all there, smmen might identify it. In Sretechmoldar' book IT. Of R.B.D. In Chine, Vol. I, Pages 498 and 499 you wil ftad interesting romniks ro Chinese chostmuts. of bono of those oheetrut burrs and a branch of pressed metortad i would 1 tho to soe Prof. Sarcont be suppliod with.

Then thore are ninor semplog mong this shtpmont ikie ocomp






























 The sample of soll from the diostrut groves nour Sea than ying may Interest those working on this chostnat disecee, othorvise the Bupeen of Sosle might wish to have itt

I romonbered lator on, that, on the lebvels maclosed in the sumples of bean-rornieelli and been staroh, I put by miriols Dolidhoe rediatue, thie whould be of oourse thaneolue radiatus.

You win also noto that a fow Luventory notes are very long, for ingtance the one on the Chiness cabinge, 1879e, but then, so few poople lonow how to grow this wefoteble and I therefore putb dom ull thoso oultural romarks.

Welx, this is whout all. Trasting you will rocelve this metw orial in cood condition and that it whil prove to be of valua, 1 romain, with foest of rogarde wiso to all in the offioo,

Tours sineayelys
(s) Jranale 1 . Mayer

$$
\begin{aligned}
& \text { Hoking Whas } \\
& \text { (x) }{ }^{24} \text { 2. } 1918 .
\end{aligned}
$$

Doar Hfo Fairehide
Fiorewith 1 on enclosine a fuplicate oft of dnventory notes, relating to materis. which I sont off yeatorday mad aboub which I wrote ilif. Dorsett in Cull. Thore is amo interenting miteriele anonc it, like this benn-wermteelis end hoon stareh, produets made from the iattie mund bean, have they every prore rowived such produets?

## 8Е5 I


















abic aidas

a) Clvainl ove -2an






## 1759

Kesterday I also rooefved your letwer of duno 25, 2915. You are esking mo ebout this rimginc process of the justuhe trouso Woll. I womies if they shown you Irvantory nate. $8.3 .1 .35253_{2}$ on with 1 gave quito sone information. I will try homevas, to got nore dotails alooxt this whole afroir. one would hese to Rive ons tho spot to see the various opuratione with onals own gyes, for ono recolves so much information which prove to be mot omatily oorweet.
 witeh I all have to answor but tho hont has boon so intenso hore ond I haye mot boen eble to sleen for many nimhts, that I must post-m pone the thert of y corresponcenoe umbil I an in a oocler rections Hy essistamt has also been quite mmoll on acoumt of unis hoet and so has the interpretar and thorefore we will heavo delcing the ing after tomorrow and ge to the Miggtombs arolun to intestigute the porsimon problens; from there we will maloo for the Isieno inu the shan, motntain a oouple of Aavis from hore, whore wild pluns and Chorios are setd to grow. I alao hope to be able to 14ve in pome tomple there and rinswh my $10 n \mathrm{mpostponod}$ corwespondenoe.

I also reoestvod the enblocram thet in hove to postpone Ing


May thanks also for your good and eordial pormonez letter, which $x$ wilt momes bye and bye.

Well, now I heve to owerhmu nil of wy too mumorona becence end that is no fum in this scoronin woukhors

With kindest rogerds, 6150 to all tu the offico, I romain, Ho Totronisa,

## emy



























## 1760

Itsiso int tad shans<br>Ghas1 Prove Ghana<br>

Dant Mre Maimelin.d.
Hieremith I mill kry so ne. you somo grods hrum this place thro a Chinowo 4 . 3 hours well fron here, if they are accopted you will roaeive this letter posstbly lone before the saces arrive. Hy interproter informs ne jurt now thet no pmolagos ean be acceptod at this 1.0 . So 1 will bend thenge orm Arom Pontreis

Fouturgo Unina


Dour Mr, Pairohilds
LYoreutith I am eending thro the hmertean Logatton here, paroels, comtatning plant material beering tho numbers $160 \mathrm{~m}_{\text {, }} 1080 \mathrm{a}$, 1051. 1032, and 1033. Anons it wos matorial which I ventod to send off spon tho intortoro but found is zmoesible ta do sos
 bolug muppliod with a fows those soeds have to bo stratirict abraleht awty, otherwise thoy will dle.
or the ourntmus, 13spa, I aleo would like to nee Frof. Sargont heyo same and those soeds elso must bo impt motst.

Ho. 1031. Stellora chemojeme, is an intoromithy ornemontel plant as photors ses whe shn show. A fon ruots micht be gont to $\mathrm{Chico}_{0}$ as tho climete thore might mutt it bothor thenn me manductong D. C. Whtho both alameten are mot quato what th it usod to horo in North Ghsing.
male lie to vahc.

## 






mint ataliall












 - ald 4 ar $=1$

$$
\begin{aligned}
& -1+\cdots \cdots
\end{aligned}
$$

## 1761

U0, $103 \%$, an evominus, mitht bo mentod at the Tarros Churdons and lator on some matarink of it bont to tho krnold frporetum for Ledontrientiono
70. 1033 , ally, might be plentod at Varsow also on a slichliy shedy place.

I am enclosinc a net of invontory notas frow these 5 numberg and trust you'11 rocolve overythinc in good condition.

Whth best of regarde nlso to evar body in the oftico, I an, Tours very sinoercly.
(a) Vranic in Hisyor

$$
\begin{aligned}
& \text { cabluarianelt }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Milata }
\end{aligned}
$$

$\qquad$
$\qquad$
$\qquad$
$\square$

Deas lir. Fairohlid ${ }^{3}$
Last Sunday nicht (sept. 14th) I roturnod hore to poiring from an exterded fourney into the mountalnous recfoes, hest end 11. ". of Peking, whore I have boon studying up the tree and sharb Plora of the llaieg nu ted shatg the dscferent varietiss of Poralmwons; sawe ohorry plentabions and malrut and ohostmut troess As regards colleoting of horberim naterhal in behao hu tai shan, I have beon quite successind. I think, for I have over 00 sp. of woody plants in ny posisiesion pientie 8. forna. I uion
 pinds und asking for some information pe certakn piartan fo when certain requests should come from the Amold Arboretum to you, pleaso rommber it is I who is responsiblo for it.

For so far the persimmon question is concerned I have not boon very lueky, for we have a very bad persimmon year hore around Pekint. Sometines bif troes havent got a single fruit on thom. The Chinese sey that the oarly rains ruinod the flowers and no fruit was set. Ono frowor stated there were such things es trees
 other words male trees.) IIe said, howover, that the Chinose rem budded such trees as soon as thoy found out such racts.

About the equatorial imeision beine olover to the pedunclo or furthor away from it, wo wore told thet roally no attention was boing peid to $4 t$ by onybody. the bie magority of rrathe (runopene) that I have soen however soom all to havo the hncision oloser to

小4 6
$-11=52-20$

## 


























## 1763

the peduncle thatmin the midelo of the fruit.
Of the chrries I have taken photos of trees and colleoted horbarium metorial, thet is of the swoet ohorriess of the roal bustum
 on this trip.

Ono finds it oxeeodingly difrieult to obtein correctinformation re minor muttors in frutts the one Chineman low loss then the other. The fruit dealers too know most time not where tholr gupulies res? ? erorymers and as Chine is the land of s all doluca and of erorybody for hinself and ss minost no oooperation exists. it truly in hard to get exaet information.

On chestruts I have to say but 1ittle, as the dimtriets i went thru possesabd but very fow ofestanta. I notsoed, however.



On welmuts 7 de didn't soe any Erovos litce ono oneounters nowadeys in 6a. Gelifurnia, oniy arnblerod brees here and there and
 haven't managed as yet to graft the winut, hondo all troes are seedlines and therefore they all vary so much.

In the Ewai bui (on the 1 R . 4 . Exom Polking to Kalgan) district and right un to the Helee mi tet shang it found Lote of Hodleegu Futhonios, exd for rrasing purpoges enky, et losat for the presents I conslder this wild alrala much moro valuable than No Maceta.

#  

## 

























[^7]It is especially suited to the intemountain sections of the unttod Statos and I wondor whohter much attomtion hes been paid alroedy to this valuable forme plant. I calleeted only a mall quentity of soeks, but enowgh to grow a 1 thtlo plot of it sonowhere.

In keire I obtninea seeds of the Largesb varisty of Hohlrabi
 vogotable domlor ought to make somb notas sbout this, ilon't you bhisk 80 ?

Sinoe boing back here I roceived a hugh stack of cortospondonce, amond wieh the inportent 1 whters on the thestrut-barlo-dtaseses Hy promotion te $\$ 2500$, p.a. Por whieh 1 themder yens $=y$ mrnest thank wad elso to othor genblenon who wre so good as to show me the approciatian of my pioneer exploring worle in this way. I alao got tho telegnam ingtruotinus me to proceed into Mansu, ete. I first now will fintsh
 winter outrit made up and alao tor my mon ant after havine aenb oft my quartarly neeountis, ithurary reportien ond other tuinge I hope to be reedy to leavo thic eity in the begtnaluy of Wetober. (Inta 1 whith at thes I could be lila the working bees, not nosaing et night any sleep, for fenliy in have too hitcle thae to perlect upon all sorts of mattera.)

These last hour I have seen our Laçation poopla, bought up a few hundred pounds of stones of Amydalue devtdianes estiod on tro
 (Gdvisor to the Ghinese Gevermment on tha Gonsthtutian,) smo of ry Fiow re Onineec mattors, while other poople onlled on mand an midaight is there becare ane is able to atbend to one's correspontonoe.







 pes

 Che myact abonas.










## formerter ia








Noll, after all this oart. Is a mighty interesting place atb the prosent. eve tho we know not for what it ell is.

I hope to answar your letwers muro fully those coring deys. Wh lesmdost rogards, also to all in tho Office, I remaing Nr. Tafroinla,

Lours very sinecrely,
(5) Wrank N. Heyer

Poring Ghine
Sopt. 23. 1923.

Daer hro Fairchild:
Herewth I will try to anmor the bic plie of lettors that have been coming in all these lest monthe*

## Letver of Apri1. 15, 2015. Ahoul trise seeds to be orderad

 from Ifr. H. Hoyer at Irlatsk and also about soods to bo ordorod from hrs Timogavitsoh at Chites both of these gontlemon wantine monoy in advance. Woll, I havent heerd fron etthor a single work, and since you stato it is inpossible to advance any monoy from
 in their dealines, our orrice simply must take the stand that, in Case thoy do not trust the Amerioen Goverrment in semdine meterial bsfore paymont bolne rooelvad, $w$ enemat have maxy atenlinge whth theme We mey succost however to these people so as to facilitato shapments, to send seeds in parcels post pacicages to tho Amorionn

## cose



## 


















 to forward suols porcels to the U. S. Dopertwont of Agricullure at Washingtong D. Co

I see In that semme lettor of April 15tr, that the arll for herbupius matorlal beconse leudor sver montin, woil, I would Llhe to hoar moro details, What partioular plents aro mostly wonted?

Letter of Aprd1 20, 1215。 Tes, I attII heve the aind nllite sasiabent and the old intorpmeter! I have given the lentisp en phaw In sulary from 60 dellers yor manth to 95 tolitaris (ellver) for Iiving expenese are going up here in Ghins sil bio huso, e日pselaliy in the larcer eitios and for those who semsot content thomselves
 the interpretor does all he oan in the wey of finding out aboun phanta and products. To obtain the right sort of people anymmere is a hard job.

Wo, my pasport is not a rod one. All theso large somrlet Fisiting earis and other dopumonts hume hoen done sumy whith 31 mem the inauguration of the ropublic and Chine beconos more and more like othoroountrios. Our prosent oards and peoors aro anl artor foreign putterns and it is only in tho back blooks of this michty
 overy week sone foreatg style buthding golne up and the shops aro swamped with sll sorts of Wostorm motiolos. It seoms that this whole old globe will bocome the sume all over some of these deys. A pity, rathor, 2 en th $4+$ ?
 (4) 48 .0. athation











. oct later


 Fivile S







[^8]I haven't ceon bre Func for sond wacke. Tho Intit timo I mot him he was moh disempotntod at tho may the Sovormont troated him and othaxt in by not supplying then with work neithor with facillties for worit.

Woll. that is the ocamon complaint of nonsly all the more uepable and younger ofriolsts of prowomb-dey Ohinas the precont Ohinese Goverruront has made the alateke of appointing people for Whom thero is no room and no noed as yot and es a result they are sponding muoh monoy umeleady and aro as meartantig, thouniman of really aspiring young fellows.

About I alao being offered a post hores well, Mr. Fairohild, if you and I and so many another had workod for mare money only we all would iteve haa sonothing more remunorative thats what we have now, but wouldn't we be perhaps unhappy over it?

As intaresting Infe certainly is of highor value to man ato Iarge than a large anlary with a lifo of pura routino. It is, howover, remarlable here in China at the prosent sonont tho Goverument: id appotatinc Poesigh divisors richt and 1schs not $a$ woek pesses without a fow boing addod. It socms that Yuan Ghi had wunt to oreabe a body of sdrinore smothing lico the foohlour. staff of a bic univorsity, so as to pulde modern China in all her nowemonta, some royal selaries are bolnc poid to some of these men, Ghough to make themmore or less Indopondort (finmonasiy) after thelr 3 or 5 years temure of office here is over.

I wonder how Prof. Henaen fron Brookings is doing? Is
he out again?
 **

 was n7 matithers




















I now your cugcections rogerding photocraphs from tansu. I11 4ro to got mary an interestine saone.

Lottor of AyP11 29, 2015, About iny standing anong slordm culturiste, yes, to be sure, I suppose wery fow of thone mon mow anything about ous work, for the reason that so little about flowere introduced by ous offloe has boen yubli khed sa any widely read papors.

I wonder whother you have hoard already frow Dro Mixhafmura at
 of his publication on Plants of Unohuria Yes, the Hationel Horem berium at Washington, D, Ce, might try to obtain a set of hl s Wank churian plants, they certainly may be of value.

Lotter of tiey 1st, 1918. Thothar plmu densiflora oodrta 20. sevoral strains. Yes, most certainly Thom is guits tansiderable variation in this speoles and $\mathbb{I}$ wonld not be a bit surprised if sowome should split up thes spocies into oither subspocios or make the ordinary Japanese form a distuct gpecies. Prof. Shaw, from the Arnold Arboretum is now worleing at it.
 market. Over 1400 1bs. are already in my ponsession and perhaps auothes hnoirod pounds whl bo edded. The oost mill not be euything oxtraordinary. I suppose thet I ens Imel this lot with wipping
 gontloman wants to goo $\mathrm{me}_{\mathrm{s}}$ and I must close for tho prosent.

I an enolosing herewith a set of duplicate inventory notoc for the numbers 1888a, 1889a, 1031, 1032 and 1053.

With kindest recards, I romain,
Xours very stroarelys
(s) Franke itheyar












## at naby …

















pokings Ghine
Sopt. 23,1913.

Doar Mr. Tairohilds
What a suis/tance it is when one beoomes somawhat Imornins the world These last dayn I have bean esked to dunsary and tast by same very ginant people hors end have rocesved viatte sid iectere
 valuable time.)

Mre Fredorick MoComack one to seo me ro sugeestions for the
 wanted ay edvifoo re the plentine of Huoniyptue troen in China to
 ciresdy ene now and aid lis kos poquire an over-inarasing sumply of sleopers.

A 1r. Langdon Warner, an arohaoologist from Boston come to see my traveling out fit and whtad pointerg on travel in intine Dr. G. B. 2lorrison, the brilliant exworrespondent of the Iondon Pimas, but now Poistioni. Ad deer of the Ghinese Government 3uvited we to kive him ny opiniono on doforeatation in ohima send posstble lond rochametion. Dr. IB. Fold se he will try to huve Ghine

 onomse Products of Indie. DF: His pad se tho eoeplimemb of Vilitus me that I was the Pargt man in China he m. it wo wes able to gtvo him a list of tho tities of bookis on Ghinose Botany hie hesn tevan got my littlo pamphot yet and as I have lent out my only conys. I oouldxit supply him with one.

## anat argart

## 

## \& Mosklal .. then

## 












## 



## mitt 42 子











You could oblige mo vory much is you would kinuly and me 10 or 20 of thoso bulletins as a paroel through tho stewto Dopartmont. A fow endery autrouaher-booke alrht be ndeed for instanoe I dosons I will pay per eondily for these balleting of nine by oheok, as wocu as I know how much it is.

I an sorry to say that many of the most sufluentiul foredgnore
 rogerd for truth and honeguy on the pert of oven hich offlolulas the leok of beinc sble to oane to fesemable understanalngs on svom siople ppobiene, ail mothoud everywivores the noudions aspeadature of huge sume of foreign borrowed money, the tatal lack of cooporation hore in China and the apatiry shown by tho his mass of poople towaxd the Govermont, combined with the Imwlesmess of the troops, all these things form darde eloude on the horison of Republitem china.
 Comntteo.

If the Ghineso people et large will only bo eble to cast aside

 for gurpoaes hicher than ponumphtion and powes only, Te averace
 the future only will show us whether swole notion om transform 14self.

With kindest rogurds, I romaing,

> Yours very sinoorelys
(b) Pranic 1. Heger

## ors




 $\mathrm{w}: \mathrm{F}$


















Dear Mr, Pairgilds
Horowith I'll contlmue tho answoring of your lofters.
Lovtor $=5$-ay B. $1023_{s}$ About obtaining mall gua ticien of troesoeds irom 1n. E. F. Heyer at Irkutbk. Well. I wish you would write him from Washington, $D_{0} E_{0}$ and if possibie in flussian, The Russians seem to heve as much brouble with their linglisin correspondonce as wo with our Ilusaian.

Lotter of May $20,2 \pi 13$. Pos, vory inveresting thise Coot that the Chinese Jujube in your axporinantel gerdon wae not injurod willo native treos surfored soverely.

Let us sse how for Worth the fujubo oan be puchods I myself an not so much afreid about lomess of tompereturee this fruit can stand, it is only this, wall the swmer bo long onough on hot onough to enable it to ripen off ite wood surficiently to be able to stend a sudden ensly frost? Only eetuel experiences onn teweh us. I nover notioed jutubes in Hawehuria howovar, sw, aithor the Fidnese havenst
 or the wood does not ripen off or the frult doom't ripon on account of the total mownt of hoat experienced not being anfliciont for these processes.

Letter of wey 21. 1913. 130 comments.

Latior of dune 26, 1013. ile rincluy of jujubo trees in Thane tung, This one I partly enswored on duly 24, 1313. I heven't boen since in any good jujube district and can report no roal nows.

```
**&)
``` Hismar ato atgos. \(\qquad\) - : \(\quad \therefore \quad\) ! \(\therefore \quad \cdots \cdots \cdots\) \(\qquad\)























 Bullotin on the ohestnut blight, Meny thenks. The fotos in the bulletin aro wery interestinc to ne now that I Imow that the barle fungus I found is the same as the Arrerioan one.

Letber of June 26, 1018, If en torry ne one ean go this yoar to Ur. Wijjuring meybe sewe other tite w een mend ramobody or arrenge thro sono frisndiy agent in Juesis, Itr, Tooicose fron ovo-Spaek and Mr. Mifurin are not on the best of tornas, othormine mo might ank him
 more seeds of hedicage faloata ror whion he stily han wo.a of wur
 expedition into Southern Braall will be en interupling onp. You know I. had pioked out South fmarice as meg Pield of exploration soric evor sinoe \(I\) mas boy. Fate wouldn't have 1 . homerer. in this itre and drove me to Asia. Perhpas it is woll also.

And 170 illustrated seiontipio geloultural weekly as wot. Nell, some sert of a review is heoesnery to meep as informed whel
 reseeroh work.

Letter of July 2, 1913. Ahout the letter Iron than bun zluko having been recolved with the pioce of baric onclosed. Well, subm sequent fects show that my viaw wes corpeat.
 of money I had last yeas. Well, I will sae whothos wo om Jreep within the marke enc Fill slwoys try to lot you lmor In advenoe. I see you are heving now at expedstions on hendy my, bhet is syathingt surody tho public will receive sone good things in these times to oome.

\section*{sore}
















\section*{}



\section*{Wher toxasan}









Letter of July 7, 1913, Tolinne mo the wolocme nove of my promolion to zaco 00,00 fos whioh I am vory grateful, as I woto to you in my lotter of thanks some days ago, I appreciate your P. S. about my work on this chostmut bark disease vory much Iravont you got any more of such sorts of problen: to solve herein Chine? They do not involve so much lebor and troublo as for instance the bemboo culturo or the jufube probloms; And eppurently they are fully as much, if not more, oppreciated by overybody.

Letter of Juay 38, 1918. Rhout Mus shastrast burk alsonse. Yos, fery intsresting it wes to mo to soe in how mhort a time our pethologists hed been able to fom their complote conetruct ons. I got your cablegram re this, as I wroto you on juiy 25 or JuIy 2 , I hed no Ldoe. it moent that Dre Sheer possibly might have come out, at first I really didnst know whut to think, but latan on I had a drean that I had to go to Jepnn and mako investigations thore, Comins buak here to metime, howevor, I see that my promonitions were not correat, altho I have a strong foolinc that in ourly August thore must have boon sono talk about this in washincton, is. \(\mathrm{C}_{\text {. }}\) I suppose this whole chestmut affetr is not abolutely settod yet and who Knows what things will oome wext.

Latter of July 25, 1913. Informing the that a box with oherturts had apytrad ant siss a 3ox تith mpocthint of Asseased beric and that Dr. thenr Pound the Fungus patbules (thas ae a pun writteed post scriptan).

Latter of July E6, 2915. Thether this Horlih Ohiaveo ohestrut
 tho japanese spoaies has muoh larcor leaves and larger burpe, whilo

\section*{}

























the trees rembin smaller: (The hor arium material I since here semt in probably hes onabled our botentst to arrive at conclusions.) I would like very meh to obtain a copy of the deseription of Gastanes mollissime, Blume.

Letber of July \(29,2.013_{2}\) whoh e motige of mottionont deted Wuly 24, 1918. llotod and retainod for futuro zoforoncos.
 consequent weduction in allomance of subsistomeo fron 148.38 to \$125,00 per montio Weil, when belas out in the Pleld thie pronation does not bottor mo finanolallys but thon the standing I mave gainod by it makos this all right gein. Only later, whos I should again bo promotod, thon you might find somo woy of squaring this affair. as otherwise subsistonce allowanee might becono too smell.
 oablegram re postponing trin into kunsy and on Monday. Sopt. 15 . I also get the seoond one telling the to proceed into thet provinee. If fully realize of course tho "ups and downs" that are flowine forth Iron such impertant problens and oould man forseev eertaln thioge our actions would be totally difrerent.

Hy om journey into Shonsi and Mansu hes of course been doleyed end had i. know that the saond anblegrom would arrive bo soon, I would havo tried to stiok it in peking for a bew more days ingtead of luving goni inte He mountrins. Stidi 1 hed this problems of buyting haygdolus durldians bonve on hent end thet siso had to be ettended to and now I have suoh a quantity that when some plantations are being esbebliahed in. Gexilfornis wo will bo forvenar Independent of the Chinose supply




























About any plaxas now for iravels moll. I will put thom down on a somarmbe zinast attachoe to this lettor. I notice your "pointors" Ito the ohestmut berk disease and will keo: them in mind.

As regatcis point 1, the soduxing of latge quentitios of seode. How many pounds for indinace?

Under point 2, the colleating of herbarlura ineterials whother I lmow the various kinas I colloetad Mo, I do note Most of the speds 1 sent in were obtained by mo on marigets dr trem seliays of
 wild chestnut from the slopos of Panc shan is apparantly a real wid type and 1 porsomally thinli that all We oheshmbes hore Lu flombh Ghan aro belinging to the save apeotes. They rerir mable howavor. just 2ile our red onk dos Verlaue different loasiluies expply differont straines In some mementeln valleys of Southorm Musahuria and Horthorn Roresone sinds a difforent spooses, howsver, with quite slonder toerce mad of quite a difforent srowth. Thore is a poor photo of the latt in the elbum under Ho. 226 from Morthers Koraes Does our office know whare there are plants growing of the varione mumbers I. have sent in? powibly quite soms veriation mey exdes anone theor.

Under point 3, you state securing first olase photographs of chestnut trees. Well, those you have now of the se tum ying fown Of othere wo will get then as wome within thois surroundings.
 W. Kupeok noar rohang. Well, havo we got an Ancwioan Consul thore? Thare is a British one in Tchong Pman. Otherwise, have you got ant address of a missionary thore wo might colleet a small smok of



 tewnenal roll abouch gotas woll






















nuts, pack thom in sma 1 bozes in powdered, Damp (not wot ) charocal and send to the Amorican Consulate at Shanghal from whore thoy go froo of oharge to the United States, I rocelved the copies of Wilson's 110 . 506 and 510 , meny thanks. I'I1 kreop them for future referonoes this spocies of ehentmub ecrenlniy grows fer taller then the one we have here in Morth Ghink.

I wouder why Prof. Sergent asked ir, swingle whether I colu looted horbhelum materidi or mot. Dian't 1 geliect baty thinge on
 of our Departent had been in herbeplsem materish fros. the begtanlue We would heve far richer collection than we have nowe I hove seen Praf. Wobber's Florida planta laying in some basememt in a house on II Stroet and ane sad nothe hat played nuoh havoe int the thom that: either ell or most of \(1 t\) had to be burmed in the boflers. mon i mas out on my first trip there also was 10 interost in Ghinoso plants then, othorwise, I oould hase brougit hone fer nore horbaxive meserki. It is of course a themondous lot of worls the colloctings drying end
 tho greetest Alffisuthies lo kepping the stuff from mouldiags In nay stg thet in tho height of the songon fully twowthitab of one \({ }^{3}\) en bine is takon up bytho tondint to this horbarium sturf.

Wel1, 1 , 111 state now on this mhoet my presont plans: Leave Polking early Octobor 1913, by train to monanfu, by onrte from Munanfu to "fanfug thonst, paesine thro the grato petw Bimmon region of llorth China. Irom Siantu to Lunohowfu, "ansu, paeske thro wore permin an diviesiets and. ther futube eroherdes Returring fren Banoliouts olthow mlonf the sawo roed or by othor myms

\section*{กบร}
 and

























collecting outtings and setons on route. Back in poling in onvoly Janery Shipping of all colloetions. Rod of jomuarta 2914, or eemiz Februer: to shantumg especially apound ssinarfu, collectinc poeches, jutubos, porsimons and lurge frustod hawe. Bealk in Poking toward the end of Hareh or early kyril. 2014. Then makinc roady for a ble sxploration brin of the mountalra and mitaye af the Ko an provinee, gtarting out. Cron Lanehow in 813 alrootione, eolloobing, Jerbarium matorial during tho sumer, sobds ho the fral and rolons and outtinge during the minter 2920-1961, Somand spring book to the Goant and leaving porhaps by way of Japan end the Pamane Conal for Hew Xork, arriviug in Bewhington befrer the elose of: the Phasel your \(1: 24-16\).

In the sumor of 1215 visitinc some places where our introm
 sutdying up especially Crinese and Jepanese exhibitse In winter 1915-1916 in Washington, \(D, C_{0}\), writinc up reports and giving some leotures. In sumaner 1916 wisit to Furope. From there in sell and Winter 1916m1917 thro India to Southorm Ghina. Tran sprine 2017 th11 syring 1080 in the very efoh provilnow of Bgeohunn end purruuntinc. regions. Then in 1920 back to haerica again and further we will not plan yat.

This prosent winter's trip into Tansu is one of reeonnoitring sore then ane of thoro explorsitong tut se tanmu is m dirfioult land I sirgt we to becone eqquaintad with loal condttions before starting out on anything very bigs

Well, this a lons lotter, Hro Pairchild, and I haven't anm sworad all your lotters, get, Mith kimdest rocapds, also to all In the office, I remaing

\section*{8551}



















salsy 2ai iy thom

\section*{}

 - -4.

 . Cherem is prove mapl
\[
\begin{aligned}
& \text { poinine, thina } \\
& \text { Spet, } 25,1913 .
\end{aligned}
\]

Dear ifr. Fairohild:
Hiorewith I'll continue to anmwor the staok of lotters I silll have in my possession.

3abser of Mak. 6. 1923, with enolosure of part of a letter from \#r, A, *, Hillies Crom Ganede, pe suble radaluy in the kooky Mountians. Well, I wonder why only a portion of this letter was copied.

I do not know whet appeered in the Metional Goostaphie Wagazino about this, mabter, for as yet I wn not a subscriber to 1t. As thie lettor from Mro Gllies is outside of my domaln of Agrioultural Bxplores. I will answer it as a persomal lettor.

 14 to bo Po hualis, bot thon Frof. Iamarofe in has Hora Manashurloa mede it pe faponion rar chantulons.

I do wonder now whet tho reat Pe humulis is and were does it grow? Can anyono inform ms about this? I have also writton personally to Prof. surgont so thit.
 hardiy thint go. It is foum hore and there in preat quantitiea, Tut as the fruits are inedible, nobody colloots thene I got some small quanticios on this lastirip at Nankon and ett the Ilsimo wa tai shang but in yoars gono by I have sont in seods under the followire
 photo of it in the elbum under Mo. 252 . The verbal statonent to

arce ias atorg
\(\qquad\)
\(\square\)
 ..... - 48.8 . Weot



\section*{}

 \(\ldots \ldots \ldots \ldots \operatorname{con}\)


















you by Prof. "argont that he boupht sone of theso ohoxplos at a 1. K. Sta, betwoen Poking and Tiontsin is intorosting ros i novos have seen these oharmios offored for sule amywore. Wren little Chinese boys oat them only at paro ocossions, altho theso littie speoimsne of humaity ore se \(210 t 10\) pertioulor sbout anythine satablo as locusts are.

Sinso \(\rightarrow\). S. stated in a lotter to you thet hore were two apoetes amone this lot of eherried he bough! \(i\) wouldn't be as bit surppised if aseddently two totally dicrerent speaiee of Prunus got mixed up in one of tis oontposkess. (These thinge hespen at thees to ell eolleotorg) i rogelvod goor two photos of t is hrumu buyper with thanics, I wonder why you want so much seed; 50 2bs. is a bic 1ot. for the stones are mall.

I also see your wish to obtain 50 lbs , or so of Diospyros lotus seods. I had sont out my intorprotor to got it, but ho tolls mo the fruits are not ripe yet. isll suroly get thom tho this coming wintor. Can sonobody sond no coptes of the doscrintions of
 locelitios whero these spocies grow

By the why about Dioppyron Lotus. I have a supposition that the shratn grima around the Blacte See may bo better fit for the itlantio Coast, while the strain from around here will be bottor for the Yasirle Coneb whike 1 mumpone both stratics alli do orgunly 5011 in Gentral Tomes or crather the region around Sen Intonlo, The Bleok see. variety you san ontein thro the kartions Gonsul at Betous, it is a common article on the nurlet there in winter. it ie called











 , ESew me verch the whe stof













 If the Consul makes up a fow parcelsmpogt prookages ho an el thon send thom direet or to the Amorican Eabass; at St. Patersbuses from where thoy"ll go vie Diplomatic ponoh. I sent somo seeds of this "(hoorma" under S.P.I. 27512. Did they grow?
fottse of Aurust 16, 1015. Teliling me that duplioato ino ventory notes, photos and films hate boen roooived, I an very pleased indoed that the larce picturses of the ohostnut bapic Biaenso were ao much mpreolatod, it is ano sort of a roward for tating around that bulky oubfit. I as mueh abllgod to you cop Chese suplen of obssrvetione on the phestmbl berit fungue windh you ond Dre whenr sent to "Selcmse". It is more then interostinc. thet only 42 dey: had elapsed betwoen I sending the material and our pathologista heving furniahed thelr ohain of avidences sbout the two thangs betay alike, like you are stating in your papor. Truly, this Eiobe is bocoming smaller and analler.

Have you ever rocelved atosasod burk from Japan? Hlow about the Laentity of our Tlorth thaneme ofiestrmbe Nell, thom betbor shis to decide in this fiold than 1 , lonow at this noment which spocies It is, but I nyools thisile thet mon the chestrut from the Fougehen dietriot if Cestanoe molliasims, then thie ome from Son bum yixg is the same. Whether the splnes on the burre of one rarloty ere slichtiy Ionger than on the olter does wot attior muohg in the apinynebis of goose beryias on branches as woll bs on fruits on tinds an tmonse Fariation. In orohards of chestnuts as I now saw around San tun ying, one rixim moh vartation es regards glossymese, sizo, anc














 Nettrias bra selitume milmend










and tomentomoness of leaves. I wonder how the dmorican thestmat bohaves as rogurds variatlon, aro all tyrees esactly alike in ono
 whon walking thro groves of them In Sifitsorland and Italy.

I also received the press elippines and the persomal letter, mal y thanks.


 Mso that a lérge caco mith welmus shat other seode rowhed chtog. About \& skotoh map of the Pancshm rogion. wo11, 1111 try to sond you one, tho I may not be able to find all my notes of that trip in 1907. The mountain Pancsinan is straight to the north of the -town of Pang loun tien, which tow is on the cartrond betwoer San ho hsiln and Xu tien hsion. If you draw a straight lino from Ping ku heion to सt tohon (or Chi chor) you have the Pang then right in the miadle of that lime.

On tho map called Pelking. Kriegssohauplate in Uhina, modo up by the Rartographisele abtheilung der Tontgl. Rroustio tandien Aufanme Brd euflege, der, 1vo2, you will thnd thia Pang shem moll
 Pang shan is not given altho the temples are marked down

On the new 3ritish map Ixotinoe of Ghin - 13 (southorn aheet)
roprociuged and petuted ros thin Goocmphtand wouton, Ueneral Ahare
 1909, I nather find the Pang shaw, tho San tum ying is givon. for which on the Gormen maps you must taire the shoet Ifuladon.















 abeli bey las bilkin











Thero are no absuluto correot maps of Howth Chinat at prosont. Have you got the set of German maps as published by the Royal Pruse slan Land Survey, 1901? There are 22 of thons bovering hastorn and Central. Chinas but not Testern Ghina.

The fuglish aro also constructing maps of Chine: up to the moment thou luive \& meps publeshod, viz, Chinll (southom shoot) Santung, Horan, and Szeahuan Thoy are tho somoazled war offloe stape and aro sole et Bomed!s Btantord'e map oatallishoont 12,28
 the arosption of the sqechuan may 1 got thes ail. mutartunateiy no mountains are pictured on then, altho on the Chinli maps hoights ore fiven in feet.

Of Kansu there are ondy Russion mapa publishod for so fas as I Know. Thoy are hard to dociphor with their Itussian Jetters. If you should want some, plense ask the Amerioan Consul in St. Potaraburg to maty the folloving numbern in tho bookstore of the
 XXXI. Thoy cost 60 kopecks per pioce, umounted and the Gonsut may cond them to you via Diplomatio pouch.

Shinle ani know of a: othor good maps on Kansu, plaaso lot me knowly I got alreedy the Gnima Inland Mission map, which covors Konsu quite woll, for so far the larger places are concermed, I also EOt a photocrapinte copy of a map of chine on wheh Finnsu is given (this map was sent to me sometime ago, Mo. G4, from Gtielors Iand Atlas) Photomranhic copios of maps are for field work very unw satisfoctory, there is no oloarnoss, no reliott to thom












\author{
streb al waبl the
}















Letuer of Guguet 21, 1928 s Bhating thet fayse and prints boaring Hoa. 361-212, inols, heve boon recoivod and lookod avor. About some moxo bumboo objeets. Wel1, Horth Ghing is not the best country of course of see much of beaboe worts, w wlil see howavor. Thet we een do, stronge that there are no photon of beuboo Iaduers

 out cirst quantity of ames at Brookyville? Habo sone furndture fron then, I should sey and soli It to the likphost biddors. (And losep soco ones to ahow skoptia pooplez)

The polse from Populus simonit you sey. would be michity poor

 houses surely are less thring bo the aye if an our mosern ond andoquere boens. It fealzy all doponds!

I gin glad to hoer thet Prof barmont will obtaln some of my photos, even if he has to pey 6 aenta aplece which to a publishor would simply be "dirt choap".

Katcer of furuet 27,192 s, (the Lant one for the tias beduc) Anout ing photow or father the nwiberky thoreof. liell, I have sume
 lettors are not of the eassiest to write when one has to musw a
 an end whet letter to tako then ggain? If lottors axe to bo used anyway thon I hod bettor assign the profix i to all small photos and \(X\) to the \(5 x^{7}\) is. whon the sorios ghom at and them I oan us B for the suall ones and Xfor the \(5 \times 7\).s. hother my ome initule









(fatçomer oxtyela wcis of amozs






 p \(\mathrm{C}+\mathrm{m} \mathrm{s}-1 \mathrm{~N}^{2}\) ar +P








 one is known today and unkown tomorrow, and whether a namo or an initial gets preserved this is of so libtle value after all. Should the elphabet rus out on my photos, woll, thon I'1 bo of suoh a rape old sge that this work may heve anothor moy of smithuy altogehtor.

Well and horowith is all yous optioial mail answored for the
 ductions and othor publicabions aent to me.

THAH Botz regards, also to all in tho ofepoo, I romain,
Yours wer sinoerely,
(*) Mrank H, inoyer
e/o Ameriaan Logation, joking, Uhina

Foldine Ghing
Tophe 20, 1011.

Dear Miv. Falrohild:
In the splendid bracing sutum woathor whioh wo aro oxpora
 planks of Uue doliakovaly Sracrent tekmolive olee Proppane whec the stroets of this stby here. Thens prants ate wll gratbed un Lifustru: Bp. (Le sincase ar L guthoukir) In the Bhentung Frerinoe, howvers.
 plant thrives on its own roots.

How this thought ovours to me. ux olsve is a vory noar relalive of thss Qlou rrugrene, oup olives mutfor mush hore and thero fros frootin, from 111-drnkonge and Eron rootmiots Conald not













\(42.15 \cdot .246\)
- 2 205 , 18 .
\(\square\)
\(\qquad\)











on vertous speoies of Lifuntruas on varlous apooles of thtonantibus and on varlous spuenies of Eracinue, ell with the ains to make gien auropeed hardler, motre resietant ta various uneongoniel feovore and above all to melo it more fruitful.

Have also axporiments been made elready for so far as you axe swame, to malco "standurd" srede out of Poweythle virldisatni and
 Lilaoe, for instance on Syrinpe mouronaiss Bloce thise wholo fumlay of oleaceas seen to bear rralting and Zudding \(I 0\) one apselos ar the othse co rewarkbly woll, our oflien alcht be able to produo woose thines ramericable elong those linos.
 Zuokdur would malos a fine stooks bis.s troo pelvet doen woll In
 21.617 might also be a good atock for aune.

We11, I hope to hoar somothine from you about those hore memtioned sucgestions, I xemaing

Yourt wery sinoarely,
(s) Prank IT Meyer
P.B. I use some ald sheets of paper, which I think is a ptay to use as scraps only, the more binoo they are so cloen yot.
o/o Anorioun Logation, purding, China


 whith at meas ot melas af ils evodir









 stie nil amp boog on of of te thin Thas




mevat and Itam" (6)


\(\qquad\)

Dear ifre Norsett:
Many aro tho letter I reoufed srow you those Iast months and \(\mathbb{I}^{\prime} 11\) herswith try to answer suoh polates out of thon as requiring roplias.

Letter of April 24, 2023. I an much interented to konow that ifr, Horry chace is goinge to pisnt. yutite a quantity of our Tempabes. I an not quite pleased with the behaviro of this Tamopen in Aracrica. thy should it have adopted two bad points, vizo boing spody and estringents pulates it does not pusses here in llorth Ohins. I think pollen from othor parioties aro dausing this and prob. the stook. Wo are having hera a vory bad persimon yoer, few exuits are coming in, The growors say it wore the early rains which proventod the fruit fros subting and avon whon set, weter thet lodged beneath the largo calyz ooused the joums fruit to drop. As such I heve not guite been able to make out whether all frusts on a tree are exactly alike as regards the position of the incision araund or whebher there is variedion sang then aven on ons bres. Keeterday I outained dcia suats from a sellor and two varietien were all mixed up; one, a very flat form, with the incision close to the belger and the other, socwwint rommcer, whit the gut nors soward the middle of the fruit.

I will bry to locate theso varieties if wo ann trace then, Dr Grimath's observetions on California's oold and warm bolta are guite valumblo I should say.
```

Mack=
$\therefore \therefore$.

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 Woraya the miloxty of prople and tut hb have oogellored it neceusary to disconnoct siy nume tht the Joynctrant.
 vise, romily, of dwating our offlae trito this mffalm whes we ondy by


 good supily or ecions this cown minter







 of theme coming dayw.

1 see pour mornvik for sotting of frutt on the foltchons
 mala to.
\(\qquad\)
























I sisa recetved a set of invmiory motee trom zous cerezang





 cormotiz.


 casved thewe boorn.

I hoye tho thabons Nir. Bonglot ame his gesistand maded
 secalass scions this mater plow

Ant Pr. W. W. Fopenoe atso ex Agmicultumal Explores. I




1 to hope that Mr. Younc Will antirely recover on his boure















 - Miond pealt Bursis.










\footnotetext{



}









 poctures Mr, Boperae brought with him from has trip sound the murla

 Ath we suraly comot see the use of tb.



















 - ilikin aratigursoe ytion sem ait la




















In suy dintex.et thore rindar mus practioed, and soud therefors ant Fouch for it abolubdif. Fet ne whe strerhmente ourselvais in thats 11ne as goon as megot brees eusump
 1.st ralk. And what huve been the resule tims Ray


 insertad. Supose I would hews to go book in a hurxy wia siboria and nuana, I thitne, hovever, the ward "onrouto" may cover thin.




 for this weleme arangenmat.
 that two starrants have boen mat led to lae; one for \$a00.00, to, 1538s,





 surgwises me minolutely. I really thought gour present office would alaont probitsit rea frow estinc ao wail out of touch for agreni manths.

\section*{2051}





























 mbare!








 astion cad ts cuite hivasad chth that cowatry. I hope. Bith grue that he mig succeod sisspa bettat mam at Jrommenile, mund is thith he wil.



Yes, it is ptwange, to be muses that our donx and matual.

 shind elon ste.
 nopt. owste a proventiong imitist







\section*{tracas}















 s.pte suw



oniy ebout \(\$ 60.00\), or, so be aoyroet, (59.03. I an ghal an fimactak
 relinguishnemb of promium clatm, ete.

Ketter of Aup. 13, 1913, Aocut our new Despatok Agont in San

 wio had bean for soro that two gears alpeaty in thath, I bediove. In




 Chino rirst ind his parcols to a Despabch Agoat; why mot disect to our oftace?

Letwer of Ang. 1. 1013. ind your trip bo trueil is going

 woultit and to bo ono of the purty. I alway mabed ke arism moumb



 ซated planta.

4 note that may of matter Fowhed you, alao wase with beed wes recelvoll at outco.












 Tsaind 4 y




























 thitaga I dur tuy hada ons
 114\% whmmex yau flud tive
 18cent




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 *







\(4 \mathrm{cta}=\)






 2 condidiox.








 by such protormances of one th whe ht hest in orsice of alz aus atatesnica.
















sumb1 Wizoc a










 \(\ldots\) ?












 to momma llfe.






 what the qutoome will be of it alk.













\section*{0881}








 -nita

















 aet suy Eavit. They should low a fer of the nomes!





 mare than 4 cts, I bellove. Ton, I coull subsctle to 10 and to so
 ing back to this aitg hre st frecular intarvis, ? them bivaly agy



 bhenging the neture of the nema yoe hrwo bocu writinc me. Tt it of








 14nos, at zou outinod to mo in your mesmage of dune 14, 194.








 ㅍ..














 Fit1 s/C


Wayy thowles row your troubles in descoltias theno tronty4we dallan to ny nocount.



 1theas, merel bion!

Wall, and hosomith I hwo answered aly gone Lettern, Hy





 cloged up, The ctig looket desmerted, sis for poogie thers wers sbout.


 changed now wad since there wro mors tad mored rainays beler buthit in Chins, trin trasport is batnc ows moch of the treffe foe mion
 usedf s 7ity, reain, for mach of the fleturengue is atsupearing.


 of which ohe somed prowt-bly yroud. In the grear 3000 this thole world


\section*{}


\section*{}
























去去 the armat.

7e
Falcon 3, Exta
 Vhas Sibentiat


\section*{geat Ma. Folrohdiat}



 our office.



 Ghoth bhese wetcers.







I Alse han is herbaxtum fremut made benidea the 1201 ones
 the heigta of the soseoz.



 142.al 14








































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\begin{aligned}
& \text { Murs Tar minoeret }
\end{aligned}
\]
\%aring. Onins
Via Blyepta











 .In-U ?





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\begin{aligned}
& \square .2+4
\end{aligned}
\]

7E: 4, \%
\[
a 1=y=a r
\]

\[
\text { Fatues, कhatna oct, } 4,2915 .
\]

















\[
\begin{aligned}
& \text { Touns vex minocrely, } \\
& \text { Tat }
\end{aligned}
\]
 12. Tiboria














whim ond for mant

\section*{Bras. mun}

Berin inf

Felints thina, oct. 4, 1915.
Dear Mr. Tat rehida:
Amone mer more bulley corresponience I Just atnoover that

 Sith fotogruphte cogien of mpet foom the recent book on Guinar "Throng


 botany.

A few minules ago I own hack from ous Dagation here, where







 was opturod b these robbers ant a fos rilise away from the city of

 up ty the brinnals a doy or Bro feo and, tho diose to the sailwoy, Fat

 brigana even leclied one of the Chinese susititnts. Both urs.









 newacd


















 Edvicea will influmoe ay plak considerably, I way ge inte Bamtung


I obtaind a sific mad an aditions rewnver with emmaiHon, from the Major of the lamertom oropps bare, of fem manthes ago, but whet is a party of three mon ugetnat a bund of 30,20 as more men?





The mrouent of lexing this glow is aftex zil not suak a




 saeds, syecknons, horbarluta manial and fotas.

> I romaln, with cinlest pexarie to wou A1h, Tousu very sinoarely,

BRatw … Mern












\section*{}





 H2 -
ADBioale pur mant

UTE , \(3=1\)

Deat Mr. Fatwhilas

 81-96 Lnclusive.

 obtain?

 Tes mplaynman man waod, as cltaroom ow anviult?



 circumperence, and it is not an 1 utree as the frus ta thet I monsured soms Fexr sco. for we hre had lunge in bad papatmon yoor motaranky.



 know there wora so muy kinds of bera gmoetwant in drapan?
I. surely wouzd 1 the to huw a talk with the fopenoe brathery
 arcive ia goo cond tion




\section*{}



























 400?

 maxclams cres bruiy wis?



 Timbta Ana Rev.






 or 2am in the min. I mould be mucis pleneed to raceive rnothot eoty.

 the fiald so mah faromation which wo otherviso neves mould get.



 purment howinc Denn athaced kherd.




100
 -1 alale nfte vent ith androus

\section*{}




\section*{}




 - Whas won eheta











4\%. Couma wxites from Brookvilide, uxier deve of duly 4




 Junt as the now whoote aone up an ent these shoots mo wopenbles in

 the watcot.


 kilzed then by somblmoc. wht spata.


 almandy"




 may ust 4 on of onveac days.






 a! FM1: :



 \(4 \quad\). . . \(\operatorname{coln}=1\)












 .rych and le van n1 ant yom








 muply tae with onef

I remeda whth kindomb moweda,
Touta very sinemrely


\section*{ve: ?}












(1) 2 (1)
\(\qquad\)

\title{
3eking , Un"na
}

Dot. 22.2815.



 Agont, Sen Frametsoo, Cal. U.S.A. Thogo capes contain thout 25001 Bhe
 molst aphngmm mass, bention a Rev nitaot ncola

 teen rumbors all tola.
 mpecimon Kohlrabi, whileh w wuld hike to soe jlantot at out Onioe Gavion, for seed-beartnc yuppobes. 111 shomily sund a photo of this same specimen.

2800a, a large var. of Clunose walmut may be distributed amoug our vertous exgertwenters, while asom gheath maght to iw rotelned at ontoo.




 out without Mis aamiatance. I wish momely thato an agnucceat coulh the

anto eamblot

\section*{Acol fill anth}

\section*{ज1}


 2.








- livone mata




\section*{}






 China, with its and-storms and revolutions, Can we mange to do this?

On the inventory note I state to grace thene gtones according to gizes and to ase these graded Mants for different sorts of stone-fruits. I hope they will pind it in Chico practionble to do ao . Wr. Write and other patiologiats may obtain a fen hundred 2bse of these needs for testing work aghinst peach-jellow, littie onct, crom-all, rootrot, scale-injury and vertouk othen diseanes.

 Whether they make a better or differmb wort of zronth. (Tle jap. chorrics prob, will not take, bocuupe they belong to the Corusus growp.)

I have taken a ploto of these 1500 1bs, of peach-stones, when they Laid on a hea, in a Chinese Lin-court and Ith ghothay send the pioture up.

 reach Chico \(0 . \mathbb{K}\), We can pursue two or throe different policies with there chestauts, as regard distribution. One is thes method, which I favor for the pronerts to plent the poeds out at Cnico and distribute then noxt fall as I year old seedings; second to send the seeds; pacied in moist charons., to parious experimentora and Let tiven raise the plants thenselveas thirds to ghip the whole hoat witl chostrute to Washingtow, D. C. and our oxperimontal gerden at Xamom to raine the plants and distrinute thang wa the case mathas over 300 13 br , our














 ..4n mexdorg










ghiphtne crponmes will be oonsicerabio howevor. Well. I 3otve those mettara ovar to por and your mesent comporters. pleage edvise He* Besglea whot to do, I will write him alsog as aoon as I get billa of Lu atc.

1384n a spectal vor* of Aryodalus davidana of Which the trunt


 for sembarid reglons. I took whoto of this trot hore An potimgs Whal It 12 send gou, togetion with a whla bunch ot piotures.
 Ifke to ase betng placed in Wr. Gultine bands bay be gome now varLeties will crop up* here mre gome wecvils in tho aeeds, so a good

 growing varlettog I lope they will fall in the hands of the right partics.

 Iast is worth mikle experimenting with on a large sonle in tine Intor-
 wo entirely maless. Do we have a pucelalist on oats in our Department?

A" rogards the Borghans, can Jou infort me please whether the

 finentory notes.
















\section*{}

\section*{}








Hiss our ofrice recoivod a shemme of mine of horiarium material of Cestones mollissho ond seade. which I fownerted ons July
 it has not been ncinomledred as jet.

Well. trusting these aformentloned secis wl11 211 roch Anerican in good condition. I renein Lir. Toixchlid.

Pours very simcerely.

\section*{Pramit 1 . inmema}
c/o Anerican Logetion. Polting, China.
Polanc. Onina.
Oct. 23. 1918

\section*{Dear Mr. Deugles:}

On Oct. 26, 1913, I delivered to the office of the Ghine Porvaraing and Exprees Co. in this city Z lisce woolen eseed, mumbut D.A.7 and adirosised to Mr. Th. IT. Hicicus U, 3. nespatcil Mpints that Erancisco, Galis.。U.S.A.

These cases contan 2500 Zbs of usones of anyolyun anvia
 thinge. - I min onconing horemith a set of invontory notes, covering
 all told.
 in the Garden, for seed-bearing purposes.

Of Mos. 1890 a and 1891a, both Chinose walmots, I would line to see a Cen beinc retinmi it the Gowlon, while some thinh by sumb to various experimenters.








 a the , vatist 4et \(198+39\)







 - BLet RIa





Wo. \(1392 \mathrm{a}, 2500 \mathrm{Ibs}\) of fuymiolus davictanc. I have
writton lif. Refrohild that I wimh sone hemougosome could be budn whin sone responsible party in aone oompminl section of haliformin te pef ont \(n\) E to bocome toteliy inkependeat of tho supply fex North thins, whicle is rubjectod to so maxy rislas. Tou wi21 probelbly heme shout this. brut you hat better ask for further instmuetions.

Ho. 1893a Costanea no11issina? One whole box Pu11. all pecined

 out the seeds at the gation, them ship the plombe novt wintor as I yoar old seodlange to vartous parties: the socond roy io be thip then scois an they are bo various poople min lot them wise the plants thenselves; the third waj to ahip the wholo bor to manhington and mure
 write you re this.
110. \(1894 \mathrm{~A}_{2}\) a very vigorously growing strain (or perhans a lybrid) of Amucdulos tupldiang. I would litce every bleesod aond. to
 you got room enough for them at the Gardens?

1005, \(1895 \mathrm{e}, 1896 \mathrm{~s}, 1897 \mathrm{a}, 1898 \mathrm{~s}\), \(1899 \mathrm{a}, 1900 \mathrm{~s}\), \(1901 \mathrm{a}, 1902 \mathrm{a}\), and 1903 i wisin rou would lindy sond up bo Toshincton D. Ge and Zet our office there distribute them.

You might elso ast whother they wint those inventory notem back, that I an herowth enclosine.

\section*{}














aint og very edtry









It is a pity our mutual ixiend. lix. Dorsett. is arcy just now. ITo could bave settlod a 20 m of thuns priestout prollomat very quicicly indeod.

Well; trusting this aforesald shipment renches you in good condition, I ranin, whts cortisi wishee for the wolfore of you all. Tours sincerely.

Agriculturel Explorez
2.S. Some of the sumples of Indian com got weovils in thom, bottor give the whole lot a good dose of "dope". B.M.
c/o Anerican Legation, Rekinc: China.

Petinc. Cuina,
October 26. 1915.
Dear Mr. Tatrohild:
Tenbardeg mominc: \& deliverol bo the duaricm Locition Amre. three parcels, containimg soods, and to be formarted vie. Dipiow ite Douch The contonts comprige the mulburts 1904 s to 1995t. incl. 90 mumbers all told. and I heromith enclone the set of Inventory motece coverine this shipment.

I wish to males severni suzcestions re theso seeds: \(\nabla\) tit. to Prof. Ssrgent \(i\) would 21 ice to have anal2 quantistes of eends sent of the rollowing mubers: 1901a, 1905a, 1006a, 29076. 1908a, 19008, 1913a,




 aliac.ad ebhata


 \(\qquad\)
6ame of xhes:








\section*{-atan nimbovs}
ar8et as acholst













In you agmee to thy I Gould jhwe Hegurg. Vilmorin, Andrienz


 Paport from a compedent outaide fitu on that Tilue of thene Onineme
 hus a grativ bearing on the problen of gotting more of these Charese Fegetoblez










 oniy be done in thons oountriss wirese notive labor it excocdingly chasis. In case, however, secdia are manted, I can get them whon on the road again. (Pxeviousy I sent in Guyctmat su seed wnder wo. S. I. I.
 Rind under No, 1597 .

\section*{5181}















 -5









 Mancostry Mawe wo got a good propspatow livinc th the rogion squmd


 1950a, to mone Fotarical gardens where theg make a gecialty of alume





 bank-binainn purponos in a achi-aria gection.
 1070, are all good gotts and sone spocidl dxtorets ghould be made in
 pectally, 29 E7a, may bo amething now.

Who is interentad in the four warietios of Chiliz weprears, wo. 1981a, \(2962 \mathrm{~m}, 1985 \mathrm{~m}\), mot 1004 s ?
 see a amferent polity belmg followet with it ab with the mary mamples
 agein sua mith wimoh no wathrolization expoxtmenta have been made, for so for se 1 est awara. Mr. Uiver miny obtain a pen seeds of it, some

\section*{cref.}

\section*{}




















Faccrimos, amict atoer, atics






\section*{1814}

Wem Eaglend experimentare also, thile bio Orplee of Porage-Grog Inveatigations can roceive the main pert. I moula 12 ke to see a report on this Spaicace ruthenica, which I gersonally consicer a valuable forage plant.

 and Conpayg in Paris.
 policy might be followed with it as with No. 1972.0

In the package with grosa seede, I left sowe heads so wa to
 and 1901a, I heve also herbarian meterial of than, which IBll onad up one of these days.

Artemisia ana Wo. 198As, th of Enterest to murwaymon in the Rocky Wountain states and in cane our offree hows som flowists in cition Lise Denver, Colo.; Salt Lalre Oity, Utali, Bozeman and Helona, Mont. Chogenne, ryoming, and other vaces, you mas send then shas soots. Foton

 formed that a flut fans with peety soil, bett on a shaty yace, wlil suit this Mant very woll.

Well, this is absut all. Mrustine fou will reocive this animont In good ondtion and hoping to be notiched of it, I Toning, fro. Rairchita, Toura wer: sinceroly
(s) Pranti in. Hoyer
P. S. I find I carmot enciose the builky package of inventory notes, so I a sending it meparately. F.ll....
























ant
\(2-10-13+1+4+3\)
 ...1.8 . .7.atan of ha may oud.
\[
\begin{aligned}
& \text { Pacings Quims } \\
& \text { Oeto. } 2,2923 \text { s }
\end{aligned}
\]

Dear Mn. Fatrotila






Bome days go I vise get your hetwos of sept. R6, in which you कmactance the mexdirg of this neasmentum I an fulto thenod to how

 the St. Potarsburg botanicnl groven and mrota you a woort on it gome

 tat sealng anoneatury's oumespondence.

I herewith will gre you a lint of tho syeales of Mmmun and

 Swingla zbout it.

 Kobdo, Lake Ubsa, etc.
 covmed with felty hatrs, leaves Ithe large peach laareas typtoaly a wila peach found in the valloy of the ive. bo, Mancas
```

2anden
,amk am, mbo

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\section*{athisulint ot mow}















 . 82 tapta olyant







\section*{1816}
 places in Mongolid.

3 tengutica, small, stunted, farit ts not very large; found in the ho valley and Hel ho valles.
 also in Mlashan ranga.
* padus, many distinct types found in kansu andsrechuan.
* setuloga, found in Kansu near the horiastery of Eghoui.
- stipulaoce, found by Expchwalsley along the Tetuag siver, Konsu in maist woods.
 distwiet).

I Also sal several undetermined species, whioh meed no furthor Beacrimtion. Fou know gy iseen intarest In anything coming undor the heading of bushmenaita and I assure you I whill be on the Lookout for any moeles of Prumus and haggaius.

> Yours wery sincerelys
(a) Franik No Meyer
\[
\begin{aligned}
& \text { Pektug, Dhina } \\
& \text { oet. } 20,2015 .
\end{aligned}
\]

Dear 路, Fatrohtan:
\#arewith I ams sendixg you in two sepapata prockages 22
 wille I did not mubber the riam, which mif be done in the foto room,

 these numbers to other pletures.
 - Hyorack al un and






 A納눈





\section*{}

\section*{inesin}
\(\square\)

\section*{}





What do you thitw of the moturad aize frut ptoturoel ind isntt that pile of wila pendh stone kategentang it probuly is the
 anvidiens have been brought togethar.

I hoge that al of me ald fotos aso butuc proserved for won

 fised acoording to qumber
 boaxin the ros, 1004a - 190ge imed.


Taxm *exy minacrely:

0/0 Answent Legation


\section*{} Beinucs Cothan Mov. 1, 1923.

Toar Mr. Toirchild:


 notee butonatue to this shimont.

I have \({ }^{\text {a }}\) sen mageationa to mike, vis:

\section*{}




 …

\section*{}





\section*{AY- , man}

Belrayal asamias ofs














10. 2925 s , Mogryros 10 tus, 30,000 aneta for stocke 110



 by counting e chataty we found there wero \(411 v\) bla over 20,000 seeds. I bope thin wil civo you the dondmed mumber of yool seallincs. (The




 spockis䖪。

Of No, 1997, 4 wovzd \(11 k\) bo seg Trot. §urgont Feeeive a





























 States some of these duv, fer inth, whan raantel, ire Ifief the broad-
 asited, in of course the betfer of the twe. As pourde opons, I hwe

 8. contimanas bem-ciati do sh the cating of beans tand to the incresae
 diers of the Anertam smy espoctally! bighe you lanov nomobody tho



Mr. Willtanc, furw, hee not retumat at yot from Shonsi and
 provincest robbexy, however, by largo bonis is atill wif,

Trathing these seeds aforementitoned wil mocis ou tik good conáiticon, 1 renain

\author{
Yours very nineezely, \\  \\  Ghina, via siburia
}

Bedrac, Chan, Nov. II, 1913.


 mubors 92-954, inc3.

















\author{
nflawn \& , en: :t lismo
}
+3fogmats man mant

\section*{\(3 \mathrm{n}=2 \mathrm{Z}=3\)}

Ademay sty, anst:





 65 whin 2 collnctel heabersum m textal

 \(912,914,916,917,010,929,920,914,921,943,94,925,926,027\),



 Abbatrak bo oum sontund stobeg








 rectuan
 cosioning in somo Isadine hortheultura pipers so so to bring betere





























\footnotetext{
, ll
}

Poning youril xocezve these aforwneatzonad fotas und
 Worke 3 remain

\author{
Fours very sataceroly \\  \\ 

}

Felducs Thinn. Tov. 3, 2013.



 number路。




 the case alrvady in hid wamas.


 what astrango way of growne thit trace oxisbits. Prof. Sargent my be willug 40 obtath coplos of focog of


 n! 1 inn 1 , tam

> Nfineashe pre ruot

\section*{}

smathaby


\(8: 83-615,37=0\)


 .015












 of the day.



\author{
 \\ d/a tanometn Jeyation, Molkne, Gaina Vi: SLberis
}
\[
\text { Felines, Ohuina, Tov, } 4 \text {, } 1913 .
\]

\section*{Deas *** Falwth}

Hacowith I am seantue youn wis Mplomm ho pouch 3 parcele




 actera on them of these planta, \(x\) am Gondius herovith.





 Iewas and bottom nuet of the staliz ite povder-dry but the thechy per


\title{


}


\section*{-xtinoch kow mary}


oheref aly



















 ere yol coned, whe the bhess thinge to be turnipe or culery roote,

 20?)

Mease ast Hr. Bcotield whe ther ho over hos prablithed any









 to gy regrel).






 (1-4 \% . . . . . . . . . . . . . .


\section*{}
























 Sung etw julate.


 Cor swang henta,






1040, L12








Hacre ore the rollowixy thideg
 mage 2. 2223.


紿縕
 Thinh Auc. \(38,2918\).





+limit \(4=-3+48\)
cond melt Alay tha s.













\section*{}

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\text { xdne is } \cdot x
\]







\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline (13) & 3 & 3cllt coprea ? & * & , \({ }^{\text {a }}\) & n & 6 & 3 & 3 & 3 & 3 & 31.1913. \\
\hline Cally & 8 & quexrus sp. & 4 & a & * & \% & 8 & \% & \% & 11 & 18,1913 \\
\hline 3 & \# & 3oxat me & 3 & \% & * & * & 1 & \% & * & 1 & 13, 1918 \\
\hline n & \% & Caonlim 5y. & * & 4 & * & B & \% & \% & 3 & * & 23,1015 \\
\hline 3 & \% & Foton絞1a & a & " & \% & 3 & * & * & \# & \% & 25\% 1918 \\
\hline
\end{tabular}





 Chtma, via Stiveria

Peitux , Chim, Yov. 7, 1 ¹3





 gmak cuatitity of seedo.






\section*{}
\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline  & * & * & \(\stackrel{ }{ }\) & - & 3 & ; & 8 & 8 & & ar2ust & 0 & -12 & * & 8 \\
\hline [allicle & * & 1 & \(\nabla\) & - & \(\bullet\) & * & - & 8 & & +18 2 & mb & 385 & * & 1 cial \\
\hline Etukid & 0 & 8 & \(\bullet\) & \% & 8 & - & * & 4 & & & * & E4.al & , & 8 \\
\hline 114 & \% & - & 3 & - & 8 & \(t\) & \(\sim\) & - & & - 48 & ald & 14ns & * & * \\
\hline 8 CH 4.4 & - & 8 & * & * & \(\square\) & \% & 4 & * & +14 & 7 ald & 123 & 0.61 & - & * \\
\hline
\end{tabular}

\section*{}

 NAmased fur ruel

\section*{8ixy, 5}
watirt moesugnel smamion ofs




2











 6allontut lems:

24

 25. Shene.

 72, 302.










 quantity.






 qeah! ghtrallot


 , wishal , vict
 - Jeh, wallo woot tum

जIn , 15











-Wtatme



 Pretion \(164.20,1215\).

Dumblanymices ariod frat on 13. tren a mide tras, for




 Hon of 14 chans.






 pland?
 thinge comos in I wours be meth plansed to lene it also.
 Tourn Fery atucarely,

 Wia Shostat.




\section*{}
















\(\qquad\)

Dear Mr. Fairchalla:






Bratic \%. vorat

Folding Oham, Trov. 10, 1923.
Dens 18. Fadmolilas




 sad tha Doctor told se, mone sther thimgs, that be is Ferg woh intar
 about the gooil thing our Department in holus here in Cheme.


 you seem stvisable.

alablestik ove mics
N10



 - 0 -throsale poy murt


















 oนะ".
 mpocirscatys
 the warla at Inre.




That \% too kin \(140 b 10\) to be wobbed as woundea in excouxtere

 over termoray dirxloultion.


 Fouch, when forwurdne spaciment and sumples to our hopurtwent st
 *o suah pmotees.











wifanthmest













 2-athen wathene ferne ot






> Yours very aintorely
> Fant: II, itrmat
caumo vin silinera

Deaf Mr. Ahat rohiat





 doce not kov how comditions gre in rameru.



 rotos.
 have been thyo whth it a montion are twa goo but nov I huve to do every






\section*{[in . \(1+2\)}
 nbavil exy pall
(i)



















 this moxt of warly.




I (5)








 (nt plundes an all silefo







































 gin in porking


 "beentise 24 takos such a timo, vot luove"






\[
\begin{aligned}
& \text { Your why sincosely, }
\end{aligned}
\]

> c/a hancidan Begetion
> Poking (hnint

Doer Mar *adxohl2as








 ntatitil at abien











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\begin{aligned}
& \text { mat: atome } \\
& \text { anthund mahes ab } \\
& \text { bata aviah }
\end{aligned}
\]
- bate in wout iske walne






\footnotetext{

}

It may be thot ell three of these shrubs have beon introm ducod before, but thery struck me is being somowhy dirforent Pron The trpen comoniy sean in our gardens and I an sura they will. mucceed in the drier sections of the Unitod Stabes.

On lionday, Dec, 2. I shipped a boz with about 500 sets of Rerberiun menterial. I haven's receivel as yot the 3il3 of Ladinc. but that siso mil2 como in tue time. More about this jumbenpiwa naterial in another lotter.

With kindest of regards,
Tours very sincerely.


Peidng, Chines, Dec. 3. 1913.

\section*{Dear Mr. Beafke:}

Herowith I am sending jow, via Japonese Parcels post. one packeye, consaininc cuttings of Torgythe sugpense Ho. IOAt and of Viburmun 3n. Mo. 20as. Woutd you hindiy give them your best atteno tion. I can enciosing a leventory notes belonsine fo this shipont. Ploase retain then, for the orrice nt Teshincton way mant them for their duplicate rile.
 -Th how it! i :








\section*{}
. Tit?, r-mik \(\qquad\)
\(\square\)


\(\qquad\)
sarde comtar
\(\operatorname{sh2}: 38 . \cos\)





- elit scouifon 46as
\(\square\)

Hive you pocelved the Dwtaxims aeeds sud the chostmuls, which I seat off from here on Oct. 16. 1913.

Well. trustinc that overything will reach you 0.1. and that you nay have success with it, I remain,

Tours sincorely.

P.3. A Herry Knas to you all and a Richt Prosperous 1914.
T.in.int.

Anerican Legetion, Pelding, Ohina.

Poring, China,
Dec. 4, 1913
Dear lix. Peirchila:
As I wrote you a dey or two aco, I delivered to the shipping ofrice ivere of the Chins Pownaling and lis peab \(0_{0}\). one lerge wootm anse contrinine her herium matorial.

Well, I will horewtin describe the contents of this case in detalls. Thare are 62 poctongon tin the bow, tiod wp nitin ptring. and these paolayges contins sitogether 470 sppar in lote of jinnts. each one bearine a distinet Iabel. Then there are 3 pactaces with

 on the outelce of tho paciengon, thale the 3 paroele rith patholocios
 by insects; Rusts; and Monstrosities.








anctup suclias Eris. et . onC

\title{

}
















The wheote of herbaxiun peper axe not drathy of etandaxd



 1200 of 1 新









 sccuaxde ylentie omly*





 be eorquisoa minh ma that on complimats wy b. glven vo him in a lotea








\[
\ldots+10+8+5
\]



























 collamted 4 mana?






potog I woulf Itwe to see betne bicen of the truthing branch

程綡
 I hope there are soras nov onces mmone them.

 calling than of ces paxaons.

\section*{ \\ }









Tacho al infoutiog

 thon











 so at to wim a amenfiantion more ensy.

I enclound in the cese slso one large tin contointay frut b


 In shat mape she fruits with mrive. They wy fresse en ruate and oust opeat, but even lurse in Peiring when if ehoula stors theme a simdles fate mi ht befast them, for nos irendy it it fruesiug herd. The luese colos






 Hint state these greserved irultis will romok you.







> Tonen wary aineesty

 \(\because, \quad \therefore \quad \therefore \quad \% \quad \because \quad \% \quad\).


 \(\cos\) :



















Filitul, Thixa, Dea, 4, 2923.

 or two nce, kogother with tholy enclasurens.

I notice tho dectason at the Gomptrallar of the sroashzy as

 Gents 7. 6. murrency and amolooe hammith the 3tatemont of utiforoneen






 ©




 tatomand mon manala misy





 \(\qquad\)
nemelt alf suar

+





























 The 3iband

Feininc Maxas, Moc. 5, 2923.















Tetw thia is drout all for the present. \(x\) bre beas maruly




 ath + xted ant
\[
4 n=, y^{\prime} 6 n
\]

 amiler an









.ancontu af Alth-and










 of gottone moncy in the tuteriax.


Tou*a very ancosrolys

BPATK

Tens Mr. Huschytat






 In thin atumote.




 of his friencs got hald of about 260 3Ds. of geods to bio monmt of 50






\[
\text { , wie }-41-10 w+10 t
\]

\section*{minel: 70}
\(\qquad\)




















 hope ho mill pablish sow wowe, ewpecolly about Me colvectine in the


 oncourcicheg. 20 waly st whis a involior oboerves is noven brough before the aros of the wosla.










 where the toth pravide lab. arowses the libth proilel lone. And why














\section*{}








\author{
Braindemaly
}









 cided. I could da thut whis mathan top furducg fnatructione. When in tho gexthimon rogiong, however, I cound verg lictle informaion 63 be lud oud an the hont incmenced, 7 had to move to sooler














 Pecink.

\section*{203}

























 callers. Orfictes conaneted nth the chingse nomartrant of Acriculture









About soint in stronte every peas cor homoariun mpoctmens mad







 sime frally not wantud.
 colvad. 3 mowis

















 A.

> sepinat foo vibiers in




yelkya, Ghata, Hoc. 6, 1013
near 模
Hexemsth I mill ountwae tho anmering of mat tiont has cona in of late. With your hatsers if sum thru, mav the ovite and ende faliow
"Wlant Tmity number of w Latroductions are mmtionad is it and the orchare of xingol jujubes iungenses one mbxangely.



 Taxicncos.






 lueard hit rematis.

A frimad mont wa a coyy of the "Horld's Moxich of Hovember,
 in westara China. Dat you see it?





\section*{}

\author{

}




























 af tex sdiveptisement of our work. the tovo of athe lorgest wide sese
 tram pour ous article. To a mar deo myuif, being cupronely triaro




 ase monthly.









 branchen oc these 3 ylande?















\(\qquad\)
























 3ny thex Just nov?

 gutis, \({ }^{3}\) remals

\author{
Tix - incoraly yours \\ TMant 8.4 \\  via Blberia
}

Paidnes Gnine, Dec. B, 1913.






\subsection*{3.46}












Tras and whats is3










 \(10 \cdot(1)\)


 and the note concerthnte 21.
3. Trasete coliected th felinc, June, 1013 , whin the exomp


 sprine and aaxiy numer 1913.

I peeked them in woll, so even in ene a botwe should break or leate, no drando mil verult to fhe mil warromation the nacirnge.

I hoye Dr. Howard and his aomoxtera wil Ind some inter Gatinc spectmons mane this lot. I remin

Vert atnoeroly yourss
Finct 3 , mant
cio lan rican fagetion Pellac, China Fin blberta
\[
\text { Panasa than, nec. } 30,1925 .
\]

Deax ilf. Bat remtat
Horent in I momilug you, Fia Mplantic rouch, 2 parcels

 swaples my be graty mopled, prtly proberved and parthy molysed. What ao you think about the size of theme Jufulen?

\section*{}









20

 anclen

 innes thicaseas \(=\) ? 7 ? 18는, \(\because=\)











 Chtna, Dee. 2, 2913.









 vhis the Jabhoterient mob Bhomstodeal misctal wi3. ne covbl tult is






 Tonxe fex ginoozolys



 , stef , 8 , ack , mater

















 41.
\[
\text { Peltnes OMxa, Doc. } 11.1013 .
\]


























\section*{Bat}

\section*{}
ratoman west

















 -







 awhile. Whth boss at womeda so you AL2, I taty
\[
\begin{aligned}
& \text { Toura vay uthorroty } \\
& \text { Tasm 5. Atran } \\
& \text { e/o Amw ricn Tractulan } \\
& \text { Felunge Chtha, vice stbertia }
\end{aligned}
\]
mommftr, Ohatad. Dec. 16, 1923.






















\(\because\)



\section*{\(\therefore \quad \therefore\)}


















This bova in Indosuributhy dicty juvt now we heve had a foot





 (has.) the went fristortay bo khe seothon of five iom where bamboo fuge


 sonamtlon wo soo bhing lume bhet.













































 I atd not knon that persimons mond promued that aulantines. it bastect very mack Itro pura brope supar* I mao beard thet a goon vinocm in









 "onxa woy sinoernlys


Heax Mr. TA Tett 1 dy




 aniar ackey ma

\section*{}






 ATHEait marmes






arsy. Penty






Wy trip from fonara to bore mas not intarrupted by aryming serious. The firet throe duys wis had eroat difflmatios on the rom on
 oncouatro with acy roblers, tho off of the main wond tho country in de-

 hoad tong up in is jonely movine, while may forlom looking chinave solde
 fatriy quiet.

The Inm, however, beat mything I over encountereds we hat to

 Thunca so the cold, hewevar, bedinge and othas pernin werg asleop and
 the mhole roal, for the Banese have done thels job woll in sribbin: out

 sturf with onets omb bugete, ons commat complatn of the "sturfy, surfocosing atmonphare \({ }^{2}\) one bensw se mell of in erowded bullroons.

I acliected somp thing of interont, itks for inetmee, soions of 9 numen verletien of partimonay alue a very hurre jufube me some
 Chanow mighatete in churg of the Fortifn orcioe bere, I heard that a-











 -2 andery Juter

(aif -

















 on flna sidk strins nud hume on a windy plnce swey from the divect rays
 at makdnc mitatas.
















 Shaty nooks, while wevarol s.ackes of bubson sects.































 with thoir hery podn. This twe will be a good thede treo for our midom






I hove basted the portivum vinems of which 1 wrote grou from










 zear, as it bocone nuaty whon wan monther anta ia.

 read end tatine ond louking tomemat like pumpisn pie, the other is Sectimon mata with walmat aturfing ond yressod in square cakos. This






























 per 1b. An wicon cuxwnay. If the Chinose wereva nowe procrestive

 of thit musinase



 is: "pristule in mo and to curve it an oporntion is neceesary.". Mow Mr.
 Hot wist his sarvice for a lone time, for ho is not of a cuickly cup2ng noture med is my bo a month or longas besore be could ro achin.



 thinge 2 ping tooes, bub brodng erpentilly the ateropent y xiethes of pershmona and nowo spoctrically thoeo thinds that am bo datad. Then





 young brees, if much is poselble.
































 and make Renan a whole youris mort. It muy bo mobessary for mot aso
 sort of travel mach longor may more. I an bruly morry mbout it, but-
 mit

We11, Hr. Patrolisid, I hope this maseage finde you and ovaryboty in cood hoolth and spiriti. I semath

Yours wery sinaerely,

> o/o Anorion legnitor Feleins, Thina Wia Sibexia

> Blanfu, Shenst, Onina
> San. 12.2014

On fim. Bth and on dea. 30th, I deliwered to the P. O. here reap. 4 and 2 procole, ati att adarenand to the American Conmulato




 praccis to our Demt. at Banangten and one (\%es, 10\%3 a. 1074) to our

\section*{}










\author{
 \\  \\ 24 - 18 \\ shamed air
}
\[
+381^{2}+28+t^{2}
\]
nilionnait , tal mut
 tah bood moln


 Ambenk








 stmon 24ucat
 be given oxtra cave.






 satore down sonth.






 Tron beblan)








 -








dims na nislm















 awy yonaly 21 so be a novelty.

The two bumboos, Yas: \(10 \%\) and \(20 \%\) A i drectol bo chico


 cat be mede to grow, I romata

Tourve very abnomzay,

\section*{}


 you do that plame? \& Hat. In tive Conomicx muiletag.
Tha 9ubexa


 (









 -





\(\qquad\)







\section*{ \\ \(\therefore 4=1043\)}

\author{
Sionfu, Shensi, China, \\ Jon. 11, 1914.
}

Dear Mr. Becgles:
Testerdey I delivered to the P. O. here, one parcel containine some rooted Bomboo plants and aderessod to the American Consulate-ipeneral st blungink. La the P.O. here doed not accept parcels to Poreiga countrins lixoct, I luwe writton the Consul st
 3 inventory notes for your informitiong ity rucrestion to you is that thase plunte on arrivel be planted in fath boxen and be mareed In the greunhouse until entablished: sowe tine durine the sumer they might be planted outside. Fio 2074 proferably closobly to sane hydrent where the soil renains moist most of the time.

Hoping these plants reach you in passable condition ond that you may heve success with thom, I zenain,
Xours sincerely.

MRATK N. WFY.

Jamunfy 15, 1914.

\section*{Dear Mr. Fairchild:}

Tosterday \({ }^{\text {I }}\) delivered to the P. O. here two parcels mericed F. and G. end today I an sending one pareel merined. TI., all addressed

\title{
, entin , loma finu is anos atic artive
}

\author{

}












 sul to reforward thom to liashington, D. C.

The pacloge tarlcod. 7. cantesns the manibere 1076. 1077 ond 1078: pecicige a. holds a fine qualty of drled porsimons, sumple 46b. Fackace M. hes as contents a stine, Inrge vurioty of chentmata, Ho, 3005a.

Then I an sendine to our Chico Gerken, also via the Consula te
 the other holde as mallor crumbity of Chertmes No. 2005e ss what I on semaine you. I an writing lif. Mongles about it and an enclosine Inventory notes for his information.

3 harwith enclone a set of Inventory noten covering the milm mont and I wish to make some surgestions also.

1Fot. 1076, 2077, and 1078 are warieties of the Ghinese allspice ond I wish yor would mburst thes to sowe Southern mursery firm for propac tion, 14ke Wi. 1069 an 10\%0, which you muy have alresdy of this tine

The chestruts. Wo. 3005 E , I would 23 lce to see beine plontal at our Rockilie Garden. Ferhape thay are aifformt froe the Son tum fing foms. I hope to vielt this chentmot diatriat to the south from hore within a couple of coys.

And whit do pou thinic of thenes dried pereimnons! Shoud they errive in cood itate, would you linaly allow some prominme prople so tast then and to hure socobody wrise cowe the Funtsoth if would be moln plocsod to hear what you sllehinis about thein.

I juet obthinod today ietometion of sons very large jufubos axisting hest of Pu chou fu, J. T. Fhaneif ther axe mesd to be largor thme han's eses. I probabiy mill go after then on ng roturn trip to Thmatunc.
 lay not perhaps some rather small ests.










 desje ment:





 weys To Stguoo a midilim









1860.

With tindent of rogardis．

> Very sincerely yours.

THAMTE W．WETMR

\section*{c／o Americen Legation。Peling，Chine． via Siboria．}
\[
\begin{array}{r}
\text { Sianfu, Shensi, China, } \\
\text { Jar. } 15.1914 .
\end{array}
\]

Dear Mr．Beagles：
Merowith I am senainc yous via tho Anericus Constulateobmerni at Shanghat．2 percels．containing fiow．2075，1079，1080，nd 30055．of the last mumber I th aso sendink \(=\) quantity to Trahkngton D．C．In cicae the bamboo．Ho． 1075 ，should sxive shive I suceest to plant it in a plat bor in the gr onhouse until well ontablishod．I on molosing a set of In－ ventory notes for your infomation．

Hopinc fou will recelve this whimont in rood condition．I sus．
Tours sincerelys．

Sicnit．Shensi．China． J゙an．16， 1914.

Dear Mr．Tairchzid：
Herrevth pleace tind enclosed ay Ztimerary Report for the poets quarter of Oct．1－Doc．31．1913，（inclusive dates．）

Tou will see，by poruninc \(2 t\) 。 thist corraspondence nutters，attemb－ ing to herbestun anterfal and receiving caliest bave trian wp a insce anount of ay time，which is to bo rogruttod，the it provanta no Pron boinc notun field wort，which，th hnrge，is of more ciroct practionl use thon wielding


Iou will ：1so note thet I heve becn unvell for a couple of days


\(\qquad\) \\ 

\section*{

\section*{ \\ \(\qquad\)}

\section*{}





 relewonh sumf

\section*{}

 4.3:4









1861.
days of siclmoss will mot be prit domz to my discredit.
I sis also cmolobin sove duplicate inventory notomo which may be an anfe, whan prot into thio invelope, ns then curfins them tbout.

Trustins everythine will reach you sefoly, I reanin
Tours vary sincerely.
FRAMTE 2T. MTYKR
P.S. Mlease evcuse this sort of propor. I Uluought these wheots too rood to be cut uy for screps. N.T.l.
o/o American Legation, Pelius, Chine, Via Siberia.

> Sianfa, shonsi, China, Sat. som. 17, 1924, \(5 \mathrm{p} . \mathrm{m}\).

Domp Mr. Bairchild:
A Pem days before I left Pelung I recelvod a letter from Dr. G. IV.
 which he astrod. we to cive his ant othern of mpport in comncotion with the nowly eatablishod Bot atcit ancters on the Thetom const of Jrutre. Wy gith Inc some ulvices mit by sendint numplow of promiein: Podier pionte, which coula be grown on a morntain platecu from 3000-5000 et. A.s.

Tlow, since it myg be of frailt ta we to open up an acohuyto with thut gorten there wh sinse Ir. Jeneaces is a good. friend of mine wnd a
 wari to this Gartion some sumples of corpons, sane vark tian of nifalre, soume
 around the Oarden itable gemas to be moder: boly tromgen int on the thro
 entiy much 11 tre on the teble lands of Centrat Mertco.

The didress to which Jou may send the secds and preliminary


\section*{}





\section*{}























Fan is Iande Rlantmblum, Poet Holan. Sumbra's Qustlant, (a protty Lome addrems. \(1 \mathrm{mn}^{\prime}\) t ibl \& mupose tivey will shorten it bye and byel.

Dr. Janssen wrote me that the foder shortage has become a serious problem all thro Teth rlande, Tndia. and especially on the Tnst Coone of Dunatra, that one basdIy Mows whe it to do! Tho would have thought so, and especially in these rich tropics!
 bocoming a grant success and is beconing; of mols importance that a rocular automobile freight service will noon be inumguritel to bring the product from the tablelonda dom ta the coast! Lpe the trovics at last coming into their om?

I have a fer puentions to do, vis., shan it make arrengenente for the coming sumeor to have more sesds collucbed of Anyginlus davidiana of Diospyros lotus of Pistacia chinemsis of Prumus tomentosa and perhaps of suything else, Ihme chontmits, Grugnogus pinnmtifida beods or ayything elee. I probibiy wili be in Feling during sone meve in April and Mey and ss it willbe the dind of Fobroury before you get this letter, and as it will be in thril before i get a renig, I suppose I an not too carly with it. I succebt to you to aonfer with Beaser. Dornett mad Dinset about these requests of mine.

I sal just now thre wity my nore important corrempondence and on Mondey morning I hpe to Lesfe for the nountains to the south, to see If the chestmuts there are ramly 0agened molliesias and thether they Got also the baxit-fuagae on then, after sone dage I hope to return again to here, ship oft specimens, it any, and then leave for Pintchow (Jujubos), Ropine (fine persimone) Sune tchot (Jujubee).











\author{
Pmme ciont ofril stif
}

 อร50 Terynaent 20 - Examainco nlooteri zo



-


sfate to abesuger mend suoda









 Buaghe ind. Inte Bhastung I men not axe thethes the sefoby of the
 gee. howver, and do our bost.

Very sinacrely 7ours

c/a movican Jugatson
indet. 2 lsh

\begin{abstract}
2- mas

\end{abstract}














\[
\begin{aligned}
& \text { BEnt:, Shonai, Chtas } \\
& \text { Jan. } 27,1014 \text {. }
\end{aligned}
\]

Dent itro Rarrolitas.
Since a conplo of days, I ieve pethund from a ghort tri, to the mountains, I days \({ }^{3}\) journoy to the Bouth irom here, where I went moxe
 thome Well, they have it, but onily very ollgitiy and either this strain of chestrut in move Immane tame the Son tha yiag forn, on the difoerse is not as virile hore Waylo siso the locsilty io not favorable for the muccessful growth of tind fungus. I have too Itithe tiwe at my afsomal
 mountain valley, for the callecting peason in ghore sad the terwitory iknencily bis. I obtained, however, a bundre of scions from a big furutod Farlety wilch seems gulte resistant to the funcras and I also got some chestruts, whiak I an raceling us now

On Jan. 25, I shisped to thie kerican Goncultto Genorai A-eronis

 meat at his earliest opurtmaty *

These parcols contain the nubors 201-14.1 (incl.) and I an horevith enclosiag the Inventory carde. There is a colloction of scions

 and others mas have grocess what then and that some varictios will be resily stumninge It in interesting to wee that ourold irstend the
\(-30,13-2+2+14\)
\[
+114+35 .=5
\]


\section*{}






















"Tamonan" aiso geamb to bo suong thom. I wonter whother it madiy will be the same gort as we have u at Eeltng.

Of Mo. 1096, Whioh I take to be the ram wild D. Ynkt I Wibh you



 I. Wes alio to obtafn acions and seeds.
 matn part might go to Chico, but a few staks conlu be tried at our Hackille Oarden.
 succoed beat at Chiov, they oxgt to be river geatie bothow bert antill new rootieta and buts have bear tommes. This poplat camut bs ropagstad
 and so well sutbed to semmaid elimutag s Afttie extra care will not be wnsted on 1t.
 Sargent and algs of 1102 , a Konicora
 oveng when grafted on Contate deve expariments been mado already,

 tendenoy to grove thas and produaing therevith more Numbr?
as you are aware gone stocks awax tbe golon, but moace agan give









 1. . mbath vill nioet





.ti mo Eatang od







16 greatex vigor and when yrarking Cuinese and Ja, aness obentmuta on Arerican stook, Low down the scound os on roots even, we might poscibly obtain some striking resulta.

Just now we are in the thrues of the Chincse Mew Tear. Today is the socond day alromity thand honvens, for ta thas time of the year, the ordinarily sober Chinewe bocove as mad as harea in March.
 and collected a godly ganatity of hrob arenge Fraits (citxag trifoligite) when plant moems io be a beloved growerard blewd around hre, We found some lerge frulte anong them of a somemint cloncated mhape, different from the Jo, mese type. The Gunese thenpelves use the crusived and arisd fruts for guol. Twe mood is mot much though of but the plant is a precisted as an efficient holge pamb. I drould say it is the hedgaplent for Lare sections of our sent-arid Southwest.

At the ead of the welik I may \(Z\) esve far persiamon and fofube regions. Wint rindest regards, I romain,

Very sincerely yourn,
(d) Frank N. Weyer

Sianth, Shenss, Onima Jen. 33. 2014.

Dear 政. Faironilat
Two dars ago I tolivered to the local F.O. here Imurels, all adoreoped to the incrican Conaulate-General. at Dayghat and marked





















\footnotetext{


}
 I have written its. Samons to kinaly rofoward tiven to our Department at Wasington, \(D_{0} C_{0}\) and I gont him the nocessary orficial tages.

I am encloning herowith the inventary notes eovering this shipment,


I would 14 ks to make e fow sugemetrons:
Mo, 210a a Lotus might be tried amound wavington with the object of
 ala might obtain a plege of zrizome for the pouk of the Arborotum; he told me he wanted to get a hardy variety of 2oturs to test.

 imont with them. There is a passibility thent they will not be quate hardy Morth of Wesilugton, D. O., for they gros in mell-shel tored locations. 2008日 is the will form of somatiled oxiontel poresmmon, of thich I gent scions under Mo, 1076. Somo seede wifht be grom th Chicos lix. Huma may get somes, slso the Experimental. Station at San Antonio, Texers, and pou probabiy inow a fem more pertics, who wro divererted in thas troe.
 ordinury Jajenese form, now so comon dom Bouth. I wish you would



 but to send then br percols post packeages eats un a whole lot of monoy
 tisavel to pextorna yet.



























We kure been mogothiatimg with serexak castern for the Iath or 5 dacy, but Chinese wew Year is kere and busineng is mractically at a


 Very sincerely youms
(3) Wrank W. Heyow
 February 27, 1914.

\section*{Dosr Ma, Perwoh11d:}
 Motanical Matorial, Ohico, and aditeonsed to the Amorican Consulatomenervl


 to hiv, a. o., to and some maternal of all of the jujubea to mome othen parkies also, so sa not to puis all of one'g eges futo cno beaket, -

 of inventory motes covertag fio B. mubery of turt mat ment man heremith


\section*{8R8I}




 \(y^{2}=0, y+m\)


\[
, 01 \text { sn yowmin }
\]











\(1205,1100,214,2180,210,2185,244,124,2145,1226,228,2130\),
 1485, 123, 145, 1255, 1255 and HC5.

 Whila them, I mat indeed poue fruth that yere as larce as oxdinnmy hen's egse and I hope you way gee thea also a fow zears honoe frok howe-grom plant:

There are al wo bome ver interesting goll binding plants aong thes
 Found to be valuablo in some of our \(s\). W. Statok.

Peaber road the note under Ho. 1140. I havo tsated jujubea prosared In all of these ways and pume day the thersean soozle may be thaniffut tivat I have plocdech thou mows and giuah to get theso thinge.





 beasty woathez on routo, grom, sleot, iati, rain, mad, oold, eto., but We are than now far the rosent. The honith of nyacif and osmistant is



(s) Fatan M, Mays







vedach
















\[
43-13--2 i=10.1
\]

\author{
Chengehow, Toman, Chinn, \\ Fobs. 2\%. 1914.
}

Dear Mr. Beacies:
Testerlay \(\%\) sent, by Ghinese Fareele Post, 5 peciguces to the Anericom Comolate-lenurna at Shomphat and I have written the Conrul. asking hin toforward these yecitages to the larden at Chico. These 5 pareele contein 30 meli pectecten, bearing the numbars respo of 2205 , 1206, \(2108,1320,1231,1323,1223,1124,2125,3136,1138,2136,1137\) 1138, 1139, 1140, 2141, 1142, 1143, 1144, 2145, 2146, 1147, 2148, 2149, 2150, 1151. 1152, 1155, and 1204, I can melobing heremith a eet of Inventory notes civinc detalled descriptions. Would you lindiy give this matarial the best of jour attention and focilities. There are a Sow among this lot thet are wery palunble sud on which sone opeciol enre might be bostowed, Ilice llon, 2140 and 1136. It mighe be a good pien Lor you to send a fem setions of soh of the vursous Jujubes bo some other parties \(=2,00\), so ven mot to pat all of one's egce into one bumbet onis.
 D. O. and you my revein therelfory these two mumbere, unleen dirforent instructions should come to you from the head-office.

Please have the pear scions Mos, 1136, 1137. 1138 grafted, ever if the buls should have puwhed too far; sone somenlled nivintnceous buds micht be fomed later ono

I wonder ahether the yount Gat Ian \& poelas trwee mili rench grou in cood mowh a comitition to se plantod. fad the nane witt the hardy Sugarcone, ITo. 1164.

Well, truntinc things will roweh frow in cood condition and

\section*{}
,
hat mite - M2 5206













- 4 Tmo









> atspI at Astsnaget Thos.

that you mey have success with thom, 1 an. Mr. Beesles.

> Sincerely yours,
 Agricultural Thelores
c/o Anovican Legation, Deling, China.

Chonchow, Homen, China, Tobr. 28, 1914

\section*{Deas Mx. Beaglos:}

This day I dellvered to the locel Ohinose P. O. hore. 2 parcels, both mirimed Botanica Materí1. Mnco, and ataronond: Anerican Consul tooloneral. Whanghas: I have vritton the ConmilGenuma to Hindsy reforvanh these to parcele to youe demplon.

The contents of these two paciones consist out of 14
 cnclosing s set of Invomtory Hotee coverimy this shipmont.

I would like to make the followinc sugrestions: of the 4 varietice of jujubes (Tlos. 2265-1268. inci.) a Ren Botone micht also be went to sonce other auccesaful propore torss wo ws to be sure of their estoblishment into the Unfted States.
 , , ixion texation
-i. \(+1 \cdot \mathrm{n}\)


\(0,10, \ldots, 64\), mollow

\[
\text { in isolizstivali } \operatorname{couk}
\]








 E an e - moll
sty:

\section*{if 990.}

With the pears I would surest to have at least hole a dozen grafted of each of the 10 vapletien and of Mon. 1169, 11\%0, 127. 1175, and 1177. ton or even twelve crafts would be worth while. Shoulan't you have the necessary stock at hand, no doubt you could cosily arrange to obtain some thrifty 2 your old stock e for this wort.

Trusting this shipment may reach you in good condition, I remain,
Sincerely yours,

Pant ic IT. Antic
Agricultural Explorer.
coo Anoricen Legation, Being, China.










Ohengeiong Honan, thana


Doar kur Fatrolizits
Thia day I deliwerod to the Zocai thaves. 0. here, 2 marcels.
 (onnera), Shanghat. These parcel.g oontath soions of Jujubes and of pours, and I hate written the Consul-henomal to be se knd and retommed this mhipment at his oaritect oppartunity to our Gorien at Grico. I inve Also witten M. Boagles, mugenting to hin to mand afew colons of bach of the 4 varicties of jufubas (now \(2105-11\) Ss, zncl.) to noma other suocessful prepaghtoxt, se se to make mure of tinchr introduction into
 each variaty, whilo of How. 1269, 1170 2172 2175 and 2177 ton or evoa 15
 that ghiment, for hie information, Thore ave 14 memarate 20 ts, beming the Wor. 1165-117e, inci.

I an sthll busy with the notes tox tho paroels thet I have sent to
 one finds it muen hamber to \(\mathrm{g}_{\mathrm{p}}\) montal mort than in a mo 1 ughtan, chan office nommbere in Amevica. Telis, such thengs one has to take with tho rect.

I hope that aforementioned mhtment reachss Hheo in good oontikion. Flease find encloexd a set of Envombory notan selating tas it.

Wory simearely youtrs
(a) Ermait N. Weytr

\section*{orse}
rambel enameri prosiogmano
\[
\cdot \operatorname{ser}+8 \cdot \cos
\]













, Lont sterastic adt ais






serssar x Carectia meav

\author{
Cranclor, Ronan, China \\ Wharoh 2, 1212
}

Dent Mr. Fufrchita
Herewth I mill try to give you Just brief rasuma of the last turip I lave just perpomed.

On Feb. 2, we left Sianh bre 2 caxte and 2 days Inter we qere ato
 fisctured and I was mhcceasful in obtaining this varitety (Mo. 11092). Then we went on to hachow in Shanar, juct on the Horth of the Yellow River and near there I got wht if anid to be the finost peralmon in all Onina
 s? to have found faroy with the on-time Imperial Court at Peking. In the same ricinity the Chinese also foume out that a brendy enn be made Sron certain vaxiotios af permhmons. After having gotten all the varlaties asound Fuchow, we pent on to the Morth Weat to the Tahe hater and
 jujubes. Here I got wome of the lemgest-rutted varieties in the warle
 actually a large as a anall pear. Aptor haviag gotten those, I manted
 gecuibitions and ab a xomit I have been astting here now for several dagis, mithme paking and sinoing.

We hrys ind aome bod delygs en route, empecizily toward the ond, whon we oncountored vory ugly weather, hbe sloot and snowetomas, wain
 काप1 is comat





















and wind，toeg and betne th a loese country our carts got stuet in the mud every to many minut ex，our ankals beame orippled and everybody lowt thaper，beome aumily tea，too many troubles to releto ther ally

Well，now I am throu with it f （er the fresent and tomorrow moming I hope to leave by train for Hatcenfa；from there by arts over Tsao chonfu to Chiningahow or the M．R．and Grend Canel and from there quickly to Taion and vicinity to get treen of the laree fruited haws and of the Fel tohene peach then that is over，III heve done a good plees of wintes ooliecting work and I can proceed． to Portng to send off seeds and face the scoumulated correspondence．

I alco heve some trouble nead in einding seasoneà and ex－ new interpreter，for 4 ．Mues mg preseat ond，hes informed．mo some weels ago，thot he will mot be able to accompany the on the trip to Kansu，for his health is mot what it could bso i expecteathis of course，sha I wrote you arredy dbout this isom Siantu，but still， I had hoped that his health would beve chenced fos the better．

There are a fev bhinge \(i\) would 1 itre to ast you for：one it this，do you kuow perhap a good handy ruclishmohinese diotionary in
 the existing books give the neme in the Southem promunciations， and they cannot be used up Morthe Tr．Suingle posibly may krow of a good．work，thet is not too bully．

Another thine I 1ite to get is a roll of peratine poper in which to prok sam⿻上丨⿰⿱丶㇀⿱㇒丶幺十 strong a smell for this．


























And the last itea is one dosen of Inventory lotebooks, for I an almost thrus with them,
 me to mite ny labols in tris licate. (One for the speaimens thonselves, and for the office files, and one for wrat information).

You may lune suoh thinge semt to me via Diplomatic Pouch of the State Department, saving both trouble and nastage.

Wext searon, ar rathor this coning nengon, nay pomably find me for a lang time suay tron the Gonst nad I bave mot cutte dechled miere is make rey postel homiquartores pervaps in Iamohowh, Finana,

The sefety of tie country is staclily on the inverve, and with every year a few tens of inlues of railromde lata, one is not as isolated
 practically the only refirosa in all Ghina. Still, tif there is trouble, a raitroad after all doee not enount to no wery nuch.

The Froneh-Belgian E, Ey. Sydicate is mon working on the Lanchaw-to-

 Mien cht hasen and on the East they axe working in the arrection of Hed. te fir and on the Nest to shem dob. This Enformotion may pospibly be af interast to you.

Weil, this ia about all for the prenent. I will be glad to see ame of your lettern when in Solings some \(35 x\) weles from morm
\[
1 \text { memain, Wery sincerely yourw, }
\]
(s) 7 Tan

Want Ma Wuer



\section*{- Hectid hifin kert jopris ma}

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 - Domai \&


 \(0 \mathrm{C}+\ldots \mathrm{C}\)





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 4 - wot of Jiomatat

\[
\begin{aligned}
& \text { Chengoliow, Honan, China } \\
& \text { Harch 2, } 1014 \text {. }
\end{aligned}
\]

Dear lar. Tairohele:
This dey I have dolivered to the locsi Dhineme font office bere Q paroola mariced Soels ont all adrenned to the American Comsulate
 Moman ciphers I II and III.

Of there 6 parcels four contain oramge Prute (eftrue inefeshate)

 210. 20108.

 all adarensed also to the fempican Conmulate Ceneral st Shanghai. These
 \(110,211,212,215,1215,1115,215,1127,1415,114,2125,114,210\),
 1255, 1160, 1267, 2168 and 1265.
 hin to be so kind and reformard all these percels at his ensatert oppomtunt ty to the Departwent at Riswrugton, D. C.

Flease find onclosed a set of Eiventory notos avereise all the
 have sent in notes previously.
mic, water a -30











\(\qquad\)














As zou mill nothon, the wory biegon part of the naterial conelita out of various rawieties of porgimonas There are sothe extra good ones
 possible to start the disted persimon industay ins focrica.

1 moula like to wee tho Rollomine mubores treated fith special eare:


To whom tre you interules to send all these pergimans? I muppose mooty to kir, Mame, if mos I whid muggest to send him a cosy of note Wo. 1209, he mey 900 pomathing on it he atian t lmon yet.
of conxec, I mot dead sume that ath of the dencrivtions I gave W111 come absolutoy true, for I have rot sean the fruits ou the trees and novcr covild eryect to soe them all in proper noamon, 2 , the temit tomy reelly is too bie to gover it all.

Thet do Jou think of the fact that Cunnems make a sort of brandy
 Wo could make swon sowt port of d beer from thom, for I inme thated anae

 took nome photoh of pose fremh inulter I lapo tint the whoto from Mo. 1157 wil. turn out to bo fine. This is mamely perfoctly mume havit of tanoring fom and of benutifol mate orangemellow color. 20 m . 1123

 Chion also.






















 sete case
 pee gowe material being beat to a pockallat in spopagating evergrams．

06 No．1107，I monld 1ike to see Hofemson Saxgont obtain a Pew scions it may be now I11ac．had of tho gm，Mo．125s，the hrapla Arboretum may also obtatn mome hrecs，hailo somo might go to Quico，if the gesson ind th already ton fur actrancod＊

 of the United States．I wirl you world gitve directions to have some

 exotio，for I mow over two pectmens in the grounds of the remple of
 minaer climes．）
 panties interentod in them；I hope you received the 2 parcels pelectod mults all sight（no＊2009a）
 magage into the driod pertiamon ixausty．I did not clean the seed． because I sumpect the will metain thelw witalstw mach better furt

地地。

Honing that 411 the eforenonthoon motoriak ary mosch you in good oonditlon，I．semain，
Vosy sinceretys
（s）Emanit in＊woyer











 Us कathon " (remenifs =1tir




dish got!

- (14)

Whanais por

Keifongfu, Montu, Chins Havole 6, 1314.

Dax Ha* Tatremilat
This moming I met intona to mve Itett by care for bhamtung, but Wh have had a monotorm Jostiag fust ubut Es bours and tho condition of the roadm is of smoth s patno as lo metre it impossible to go todur.

Nell, for we, it Is a bun delags but Por the formors here it in a


 on Low enots. Une sees vory Little fratna of any kind for saie and
 north minere the semson was bettore

There sem to be mory fun emrsctema about, on scount af this somraitu of cond anc the gmonty I hare to paen thm in not oonnidered




 could obtain meat end broad where, or wht latnd of moncy do they sceent or whetwor it is gurg to go theme home ono hass to do aly ore thege questions and a good many wore.

\section*{\(15-\quad, \quad 120.11\). \(-1+2+4+20\)}





















I cm still in possension of s maber of duplicate inventory noten and I vappose I had better trant then to the mile, hopine gou will safely receive theta.

With lineest regards to all in the oftice, I rematn, lir. Pairchild.
\[
\begin{aligned}
& \text { Yours very sincerely. } \\
& \text { IRant \%. 3nerva }
\end{aligned}
\]

Tas an Iu, Shontume China,
Maxch 24, 1914

\section*{Dear lix. Bagites:}

This day I have seat by 0hinese heroels rose, 3 pacionges to the Aearican Conatuetc-Guneral of Ghengluat unt on Mirch 27. i have sumb one pureel bo the suude nidrase. Theme ot pelmees are to bo reformeried to the U. S. Phant Introluction Gordon th Chieo and. It hure roquentod the Gonsuinamerrit to do so. They contrin plant mberini bonrint tho fola 10wing muberg: 2179, 1100, 1186, 2187, 1109, 2197. 1108, 1199, 2700, 1300, 2301, \(2202,2303,1203,2305,1206,2307,1200,1209,1210,1211\), and 1212. Twentyone mabors 511 told.

I would 2ilre to malre some sucgestions ns rergarde some nume bers.

To. 2180. Emuount foctungt Boot cubtiacs: there tight be
 from some water supply.
 scions to some other muccenefri. Jugrbe propec fops for nafety's suim.

The peach scions. Mos. 1197, 1198, 1199. 1200, 1201 nient bo grattod, oven if thd bule ahould Ds dead upon drrivol: they mirht




abtionsery




858lamy








simes

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posmibiy maloe secomincy vulie. The \(119 \%\) esp. secms to be a maruable variety.
 1906. 1307. \(\%\) would poconwond the mate, that is, when the boule should have died mroute, a tem scione of ench may be gruftod to induce them to malke mome now buds.

The Gribtogus pimativian wolone, Ro. 1308. 1209 and 1210 are palunble and avory paensble uttempt ahould be sode to introduce tha Valunble Ohinese Ihurfrut Into tho Ifultod 3tatas. Ta sase you thould. not have atoclas enorypho plewme wire abous it co Irshington or to sene

 1209. I hope it will arsive clivo.

I heve retcinca a fem lareor trecs, which I will try to shis 48 soon a I san at ploce whord I ond do thie. Dere in the interior
 one who is willing to tatce the thing with him to the coast.

Fo. 122. can M1bissia, micht thrive bost when plonted in mot too hesve a soil; it ponalbig wil. main of fine tres in grove, an tha Solioge is vory luxumant and grocervi.

Ho. 122 . a grang ehould bo kried at firnt muar the orftee or some plece whure ons pusmes aver and ho-i 18 about every day. It my prove to be a valuable lewn greas for ary regtons.

The collecting season 4 closine here, for apricots are
Glreedy in bloons mbil2 I vill tre to cet atill a Tom buddel Toitchome
 from hese.


\section*{}



Whas wace cmea ofloz of





















Trusting everything may monch you in good condition and that you may have success with the material.

I m, Mr. Bongles.
Sincerely yours.
2R2NTE IT. MTITI,
2.3. Rlease Eint onclosel a set of Inventory flotes coverinc this shipracnt.
c/o American Legation, Pelduc. China.
Tai m fu. Shontungo Ohine.
March 24, 1914
Dear Mr. Beirclifla:
Mhis duy 3 celivered. to the locih P.O. hare, 4 purpele for tringe nission to the Anoricam Conmulatcoulonumal at Dhonghat and on Mareh if I posted 3 parcela at the Chunase D. O. it Onsinsmpchom, Shanturg. OR the firmt, one parcel has to go to Famingtan, D. G. and 5 to Ghico and. of these last 2, one to Faehingtom, 日, O., and I to Ghico. I have rritten our Conevi-houns 1 sbout this asd nutcod hin to minaly rofomerd them.

I have writton Mr. Neegies about the mumbors I have 4 atondod fos him ond enclosed s set of inventory noter, socreriaing the followine mubes: 1179, 1100, 1186, 1107, 3180, 1107, 2190, 1199, 1300, 1002, 1902, 1903, 1904, 1205, 1206, 1307, 1900, 1209, 1910. 1213, and 1212.

Ot Jos. 1209 and 1312 a amilas quarstity of miserind bus beon semb to Nashington also.

She muncre for liahineton are the foidowine 1181, 2188, 1283.
1184, 1185, 1189, 1190, and 1191.
 \(\because: 3\)
 ... qealyect otat, 12

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\section*{}
\(\ldots . . . . .\).














I enclose heremith a set of Imventory Hotes covering beth the shipments to Washington, D. C.s and to Chico.

As usual, I like fo cive some sugneations: the rerstmong, Be. 1181-1185, (incl.) awe nerhaps hurdier sorbs then obtained proviouely be me and they bear watching for this cuality. Mos. 1181 ans 1182 are reputed to be eapecially good. I hope that the time is not too far advanced alroaly for eraftine, when these scions arrive.
20. 1189, Pomalue albutemontoge, has been introducen by mo sevaral times before, but the more I see of this tree the more I lite it and I will not rest until 1 see it ostabliahed in Amertea.
 guince, of which \(I\) have some budided zotur trees still in my posseruion, Intended for Chico. Possibly some southems Nursery firm can handle these seions.

No. 1191, Critamer ginnatifide, and also 1209, both varletios of the Chinese hawfrult, mey be mlemeed with a mpserymen who hes exparience in the proparation of haws. I have also suggested to Kr. \#eacles to elther wire you or get scacks from a nursery firm in case ho should not have enoweh stocks for this ipportant fruit. I also sent Chico a grapted ham bree and hope tit will got thru alright. In my pose session 1 still have several butiod and grafted baw which I will shis to Chico, as som as I can reach the caast. 7rom the interior one camnot ship bulley paciragos as yot to a forelgn country with any degree of safety.

The erase, Wo, 1212, scems to be valuable snd I suepest to heve part of it plonted at farrow, close to a road where some tramplacover can talke place and where ita hohumior cen be observed. I shook all the sali from the roots, so there may not be the excuse for destroylne \(1 t\), which befell

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\section*{}


























As rognrds peath, noas and a, Iemselong, seut to C ioa, I have muggested to Mr. Beegles to greft mone, even if aly buda movid be dond; somen accundary burts might be fommed poestivity.

I have had of late conoidempbie had wentior, mach troint Th1s hed made my movementa moh alower tham \(I\) caiculated and gevoret thing thet I sombed to get camot be ohtaned thic gemson any longer, fox around here the apmeotu, for Lnatumee, lame burnt into bloum these Last pew daya. Still, if it does not matu tomomeony i hove to go by whel-bampowa to the Fegion aroutu Pei scheng to obtain buided recher. Tidn mill be a three to four days tro? agoin. hetor thet I mat go as puioky as possible


Trusting thia afomenontionod shisment reaches you in good condition, I rempia, with undect of ereetinges

Wery innceraly youra,
(s) Wrank wo hoger

> Sul an Pu, Shambug, Chum
> thereh 2,1614 .

Dear in Patrehtids

 mending you, wis the Amprtcan Consul- Aummel at Shanghat, one of

\section*{0881}

\section*{}














 4,




Boblibitit. an tun

 20 oro , the \(\therefore \quad . \quad\).
 20
these graftod trees and also a bunalo of ccions, moald you Lindy hawe them given the best of cmene I luve sent Giceo aliso a aimilar whimmt, thru the macrionn Conoulate Gencral at Snarghat and I have gtill on hand
 togethex with another Lot of bulug studf. Then I alao an sencing you, thru the same channei, a package with Remb ghace xikuomes Bur pinntinge Wo. 1514. The penchmatattal is Labeled 2015 and I an enclosing the Iaventary Notes, cescribing the shipment.

We had much trouble in gettine thone yeaches as, the poogle agked
 Wy interpretor timu some ili Iomatio doalings, got a jot, coutainine 3 treen for 4 dollarg, bit - we had to loeve Pel tohong harmedays becnuse the relatives of the man who rold to him, Wid not bean conmulted and tiey wanted to take the brees buck oro destroy then. Mell, 2 are an the mod to Ameriod and the othores go whth me tomorror for we hope to
 Hawtrees and othar hlamta of to manemce.
 goods bed and indirement.
 When I montt heve to gack sai and out for a fon weeke.

With kencet of prectimge also to all tre the office, I ratain, Wror ancewe y youse,
(s) Pxank N. Wherer
IS:i


















Adrsonninat han hod ,0009


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\[
75+.4=\pi+14
\]

Tas an fu, Shemtuncs, Chima. March 29, 1914.

Dear lir. Beagles:
This mornine I Celiverod to the Chinese P. O. here ?
parcels, addrossed to the Anepicon Conoulatemeneral at Shumghas and intended for the Ghico Ontan, I luve written the Conmul-0enaval. to lindiy reforward tham to you. Whene poblogen contain one grasted Zoi peach and a bunalie of seions of this same peack, cal bespline the mumber 1213. I min aenliat a stotilar quantity to liekhingtom, D. C. Please grait as many sciona as you possibly can. I have wtill 6 other treen with ne. They are too large for parcels post
 will be about the last for this seasom.

Prusting overythinc may reach you 0.K., I remain, Sincerely yours.
nanit II. 1 Imras
Tinclosed plesse fimh the Inveatory Ilute for thie flo. 1213. c/o Amorican Legetion, Peling. China.


\section*{}


\section*{}












\[
\begin{aligned}
& \text { Thatain, Cutna } \\
& \text { Aymil } 2,2014 .
\end{aligned}
\]

Heremith please phat gnclomed yy soovute for the past guentor, Jonuery, Bobruary and Brock lal. Tha oxemditares butalio of my om salary and mbalstonce, sra sbut \(\$ 970,00\) Hongkong sllver daliam:
 thet is 1405.00 for the quartor. Tho ex enses fron July 1, 1a18 up 4,11 Whroh 31,1914 , secm to be roughty U. S. Gola \(\$ 4800.00\) which meema to indicate that I mobobly why not have samil deficit, like Inet years but perphas even a suml muphus! of course. I have sonsiouered several matterse ak pergonal cxenditureo, Itre modicines for uyself and arty
 y socount for several monthe past.

The whale accounta are wade out in longkong alver dolluxe, which
we found the best liked in almost the whole tarritory we paseed thru. Ht Hines we had dealings in wathous sorts of meals and in eny comto of cashen, but - only Chinaman bom and bred in the Lateriox ona fighre
 E.ll postate forme

Ats you may notioe, thexe are many itons fox postal omages, whick 20 exalained by the frect that I have sent a Ereat enount op ginnts-
 to tho Doptrutut at Tasington; D. G. or be our Garden at Chico. CuI.

\section*{}






















Samples of frutt apear \(\ldots\).so trequentyy monetino thene are Iresin frutits for samping and photogra hine, gouethons thoy aro dried nud of these last I hope to send cuite some pabkens from Poking.

In goncral. I have twied to be quite ooonomical, gince you wrote we that I had to kee. Fithin my a proprintion and I have mbetsined from buying any bulvy matorial, Jiks banbo-fumptrume, watob woula komones \(4 y\) cart and bacgege bitis कo contidarably.

I an inclosint nlso a bundle of bills. Trusting you may receive thece socoumes in good condition and noning to bote as spo.sis possible how my finances are at orescnt, I an,

Very sincerely yours:
(s) Frame w. Werrer
\[
\begin{aligned}
& \text { Werty, China } \\
& \text { Arrit } 5,1914 .
\end{aligned}
\]

Doan Wr* Fatchula:
Leaterdey I delversd to the Chum Pomaraing and Exoress Eb, here, ghe Lams mogion cose- contatning Live Lasta and addressed to
 U. S. An Tuls case is Letomien Bos max Ohles Garoen und I will ask
 The contents of the case are as follows:

10 budaed one yoar old lasee irutted Onnege gutnces, Oyconia Cathayempis, 10.1180

\section*{}









 targll , atame (a)
\(20-9,45=18\)






 OGEI ofli gelamey

3 mall plants of Prumes, No, 1702

2 youne : lente of Bumbur semporvirem, No. 1484
5 planta of Pacomia albiflora, Ho, 1195
12 plants of Faconia moutary, Ho, 1296



I an encloging horewitis the Inventory Hotes for the following Momeras 1192, 2103 , 1194,1195 and 2106, Of the renaining numbers I heve sent tivem already previounly. I hope you roceived then all risht,

I wrote a letter to him. Boaglen, giving nim suggentions re cone of these plente and I also have sent hifa a set of Invertory Wotes.

I an much intovertod ta know whether thie material will be received in Iair condition and whter the fei pencies whl produce as Pine fruth In Chico, as in thels notive Locnllty. Also whother the Poonzes really Will have blue, gollow, groen and blaclish calorst A yoar from now perhags I may wee them in blom mynlf at Chice, who lonow? of many of the thags I collect, others sec more than I mysolf*

With this shipment off wiy hamde and with ay ecounts and itinerary wevort already posted, I. feol a free man agein and tomorwo moraing I wope to take the 8 ande train for Roicing and by noon I may heve so meen moil to wade taru tinit I

With kincost of greetings, ala to all in the oftice, I romaing Tours wery simperely:

P. S. Please rend Inventory note wo. 1100

\section*{4881}


 aull on yenall lifa nimodel ic thalli a





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 0ec: \(1 \times 2=0\)
 E.


evtronecta yor beurd 2wys in anct (a)

> Themtsin, Chine, Apro1 3, 1914.

\section*{Dear Llr. Boagles:}

Xestertay I lelfverod to tho Onina Tomerding \& Jxoross
 to 1rs. U. D. Bengon. U. S. Desoatch Arent. 214, Burire 3u11ding.
 Ghico at his vory onrlioet opportumity. Fhen you rweoive it, worla Jou indiy opon it in a cool nd whety place, for the plonts within way bo in a sommbet woals comalition ofter their lone joumay. Tha contonts of this case are as follons:

10 buided one year old lexge Iruited Chinese crinces. Gytomia cothayensis, To. 2190

6 buadol modiun-large frutted Chinose haws, Gratnogus. クมnnetiside, No. 1191.

3 sural plonts of prumus? Ho. 1192. 5 yonar trees of Prumas sp. NO. 1293 (grafted)

3 youns plents of Bhaus semperviroms, Ho. 1194.
5 plants of Preania floifloves Mo. 1195
12 glants of Poogna moutan. 170. 1296
3 grafted trees of Orataegus pimntifida, large iruite,
317. 2209

6 grouter trees of Anvelalus persice, the Ramons Pei tchons
\[
\text { pench, wo, } 1223
\]
gérato quituffor

\section*{netek is Ekyh}
\(\therefore \cdots \cdots+\cdots\) paisona otr trida



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\section*{}







 EOES 6
 \(35+5\) all

\section*{28806.}

I am onclosing herewith a set of Inventory notes covering this shigneme exeopting No. 1209 unt 1213 of which musbers I have sent you notes provioumly. I would lito to mion a fer suycentions as regards some of these plamts.

The tree-poomies I would like to soo being planted on some Spot, where the soll is loose and perous woil where they cen be shand the 隹觡 2 or three weeks after plantins.

The peoches fron Pattchene may not sil proluce the sane fruits: in fect \({ }^{\text {i }}\) have ay sugpicions that 2 troos winh proluce inforior frait. Out one can weit and see. Plense do not propec te fron them, until they heve produced fruts for e couple of seasons.

In propaciting from the Large-fruita hans, illo. 1209 will probubly prove to be far superior, then B . 1191.

I would appreciate it very much to hear from you in what con-
 Also whether the cotton atripe with the letters and mumbers on the were atill detiphorabic. I an mucks interented bo how whother the infora tion the Chinase gave ve whe corroot an resurdis the womiorful colors of the various Peomios.

Ferings a year from now, whon I visit the garden. I may be able to see for zusself.

With best of wishes.

> Sincerely yours,
 Agricultural Rolorer
c/o Anerican Legation, Delinc. Ohina.

\section*{}

 - mancic anote Te miow whercur cas


\section*{}





\section*{Io ilipet in thot id Enti Duarbong anid}










 \(\therefore \quad \therefore \quad{ }_{\text {samp }}\) timoodra more in animing


> Micnesin, Oning Arrit B, 1514

Dear Nar Pasronilas
Ploape find enclosed hy 1 tinerary nevont for the past muster: Jantary, Fobmany and Waxch 1014. I hove th wil give a faix licea of
 collocting season, but we managed to "bag" cuite some tiange, notwithstanding we ancountored lots of bad meather.

With kindest of greetings, I ann
Very sincervity youris,
(s) Prank 4. Meyer
\[
\begin{aligned}
& \text { Perine, Gins } \\
& \text { Antil. 5, } 1014
\end{aligned}
\]

Thm sone inasulainable exare on the prat of some olerk in the Shato Dopartmont at Washington, \(\mathrm{D}, \mathrm{G}, 2\) verocis, I had gentr off from Fokings on Se,t. 22, 151:, wore returned agtin to no and were received at the Anericais Legetrion on Dec. 25,1313 . One pracel contakned roots
 Wo. 1032 . Tha otiner paracl had as contonts acome of a membby oak, Ho, 186sa.

Well, \(b\) ingusetion I see that Hos. 1031 and \(105{ }^{2}\) are nbsolutely




\(\qquad\)







 t שunct +igmonie zuvV












\[
---2-\text { ant }
\]
 \(\because \because \quad \square \cdots \square:-\)


may have bottere Iuck thit tive.
I Jlso gnclose the bae of cotton oloth in whoh Mos. 3032
and 1032 were contained, togetinex enth that yert of the wra per on अhich the adrean, writton by tho elonk of the Stathe Deanotment
 emufriep might be mede an to the senity ar the party who mined us this busiaesy. I reaging

Very annoarely yours.

> (a) Mratk H. Mayex
\[
\begin{aligned}
& \text { Pering, China } \\
& \text { Amol1 7, } 2014
\end{aligned}
\]

Deast un F Eatroivild
As Jou will motico, I have Lancod agatn in ald relding and recelved
 wanted to hoar strelght mwey whet gort of a triy I had. We11, I cannot say that my tuf has been a brd one, for so for as cotlecting of material is concermed, for I obtainod matomial of oome wary important thinge like

 percmtly Gigense-reststont form of the Cutnema chestant: romerkble Waristies of threompontosy a new Iumber troes (Catalpa buncel) beaddes pevaral winom thinsa.

I Just got the B. O. from the China Forwarding and Euprese Co.s at Pientain and the Inve case whth Live Rants Ieft Pantein from Tobe,






 pelhert 1 obvinhat naty
, \(17=5\) on wis wev

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\text { vent } .16 \text { avn }\{n\}
\] \\ }

\[
\begin{aligned}
& x+2=a+m z \\
& x+2 x=1
\end{aligned}
\]

\section*{ishaterath on 4.4}













cloging one B. of I. and I guvised him to Turay this ahinent that to our Chico Garden.

The one-lounfred and twenty photogrenio exoomuen I wace on this pest trip ware doveloped and this morming I obtained the finms end printe. There nre sone strinjng ones anong them, whels will serve theix vurpose kell of illustratimg ane coming new Industrien. The Inrge fruting Jujubes have come out oepcetally weil.

Then I will have to announce to you the coming into my rasaession of 175 pieces of mail, amoar bilet a gootly number of lettery from yous for witioh I tonder my bee thantre. Some woke will pass before I me thma with it an.

I also received the chock Ior \(\$ 2000\), from the Irengury Demartament. Winy wre the samulas of seods, dxiod freits and. secimens I hove With we ant 1 thyill take gome tine to cogeribe all of thest. I an Getting to be 4 vemy busy man, Mr. Fatrehild, and an belmg invited out and visited more than I line.

FeIl, latar on I131 go into wore details. I lope you axe all mell and hamy the game as we are up here.

Wexy gimoevely, yours,
(s) sanant H. Wayer











\section*{sHa 2l iatex mals}



 , vilit 2 mants bicm

 ancot sfiemanta vaty

> Pating, Gana
> 4xat 4014.

\section*{}
 3 patrols, oontaining plant materiain. Molosed fieane ind the invontory noteg coverimg tum material, whch in mubcred \({ }^{2} 013 \mathrm{~m}, 1215\) and 1216 .
 and keoj: them in the seed oollection; the mest migh bo plantod at ramow, The hardy sugur-onue, fo. 2275 , may prove to be of walue posszbly as a fodier fox mildh-cove. I hope it will mass the oxmatnation Bor obJectionale diseases successfuly, altho it has a mould on it* It aight be grown at firet in the greenhousod am when evtroltphed night be aism tributco over the milcer sections of tho Unitud States.



Trueting you vill reoerve mil of stid raterial in coed condtuons 1 ang

> Very gincerely yours
(9) Mrant In Wefex

\section*{mand enetise}













 -al

4.


Dolkne ohtne, spril 29, 1994.
Dans Mr, Patyoh Lld




 copthon of the th tsae, of which we axe mot in now of muth notee. I

 spectuend in botbles for futurw proscruation,



 aswive in gogit onough shepa*.



 ghovm to some pomologtste intestoted in tum. I took some sticcemarul
 sion. Inhope.

 bamboe.

\section*{.218 , 15 Has in la matort}

\section*{}

\section*{}

















 anel
anvolis amble








 3121 no dotut proburve the mun part of dham, althouch part of it
 poscibly a now ome?
of the gquare ankes mad of oolloction of rowad orea a






 ct culstat

 opes I reoctved ware be bady broken thet tho Iettos protruded out



 adries is ven in Dasember, 1923.

\section*{}








 :


\section*{Hone veviet ins Anbir, +asdel T is A shod}








7esenk 1s







 describe quite a lot pet. In cill now I haven't goten hold as yot
 oxperimated of whe egerionced, thotrif mily tios are too strone to bo released. for a whin year in the for Hobt ar syon a fow were afrald to


 forbid thet thoy ghould ande this metont eapital of mina! I suppose his canp is around finn to tchn, where I got these goveral virteties of peraiminns ond lereo chentmete.



Lame Friday I sont a cublogran to the Amrican Consul at


 compay had intormed me that the dipmene ahspinc concoms vere not



 Cutco, whora they ack bo best inmpotend mad fumplobed.
 out of sarts with that relapsiug fover, mat is suppose it fils clear anny again.

\section*{}

W9E







 - कौ



















 seasion of late for which sum taniextur you my lend thankt.
\(T 11\) bry mad answex ham herevith chronaloctca11y:






 Whe Bondrumetit.









\(\ldots\) :
?






















 Kind an to send ma litile bos tull of these then ware pres wed oy





 pose the acions will not outgren sha abock sasily. Oniy this, vill it be as hamy as the werage largomfrutca charries?

I maiso gind to hoar thet hayedalus baviatana find mose and
 apricate budied anto this stock and bis sul oms had outirsome the stook



 out they are buarers, to be sural I should say the thase paraimons
 ters.

 Whil anke notes of tiv.



\section*{as31}






















\[
.11 \text { Se melon } 4.4=410
\]


 ooiss, which I mpreciate to lunve.

Battar of 3an. 22, 2914. About thas graftre of ohrymatho
 than whe yoti expect aow.
dove tho miter of smiling Prof. Sargont so much of certain

 send the Arwala Arvarctuan part of anole crom arboreal plents is, boanse we hive mare chance so sefmblubh a posibly nem plunt into the country.


 nepactroule sis stuct.


 tions.

1 sae from your letber that wiy to that date not so wery may



 ranahed you sinow.

 9 dys fros simfu, Bhant bo Nmhincton, D. C. A cood lans then for cutuings.




























 heat and whathands some alling mater in the soil gute well.

 to hens bhet ywu all ngree rith no about the rine quality or the Thuinc prosorved peraimana. I stmaer if ir, Tudrehsid min be mble to tsate

 monipulations with the handie giva them that velvety tawto.
 306i-kios tral. hwe been rechived and how thoy are boing dietricated.


 of DLosurge lotua toold to astablimb ery-lane persamon oroheras?

 enclosed a covy to moc. One wontow why no wove experiments in that Inte have beon mide.

Zat for of Haxch 27, 1914 (1), whth enclosure of cop of 1t,



Lether or March 5?, 1914 (IX) With enclomure or copien of



\section*{anar \(-2 \mid t h\)}

























 material ith dent in. O, K.

Well, and bhis ende hese lotierv fron you. ploase find en-
 oommen, and where is ends, bon, cow a frad.


 Fery aincoraly yours.

\section*{}
c/o 1. U, Lenchowth, Konet, Ohene

Doar Mr. Taimehid:
Texemith I a kanding yom, tha thplomitlo wouch of our




 I som seed undor 3o, 2047a,

Wease find molosed a set af invctovary notes coverin thit

 Wimb you woudi fandy sho: then to men putios at are intoronted in this neblem of wersdmonmarrive.

\section*{}








 sthen us.ablat ant

ETA, 3:








 1-2





A.1. thest savples of beank, peas and lentila will go of course
 palue an wintar cover oxops for 10 trus groves and other frust orcharde In the mide wat-red sentiong of the Vhited stateb. Porhaps they are Delng used alromdy for sil I know.

Wo. 2030c, Dysolus colearilus is is row bean out here. It
 In butter or port fat.
 have only seen it ance.

 name sone tifme later on.

 nay posatibly be a now form.

The lot of stones of the for tchome poach, ?o. 204es, what shall
 watch than matil thay fruit. Joweror, you my hevg some caryesmonconts
 able plece of land at an alamoent.

Fo. 2049a, a large flet peach, ay bow out at chico these

 zemis sinensis x Juclans mudehuten.








 , bea hog ne antixd at

- mone ar amos crac ofuc


, 运





















I also onclose the Iaventade fote sor To. 1219. wisch ntownal





 when ha low for traneu.




 there moonte. I matruc.




Vogy wnouray yours

e/o A. 0 , kanchothas tamst, ohina





















 ahany it alagen imale dis \(\qquad\)
\(\qquad\) \(-\)


Er24. . 18 Hin
sale-

> Peltinco Ghina, Hity \(2,1924\).

\section*{Dear' Mr. Bencles:}

Testering I sent you, by Registered Chinese Sample post,
 ing sourd. Eriohos ntime 14pilowi. Nio. 1218e. I an enclosing an iuventory note covering thas munder. Fleane plant these mingomes sonwhere there they can crawl oves mene lattice work or some ball shrobbery. It in musid thes the man 21 socelet frouts of ten hand on peatuncles 10 foet lons!

I an in recelpt of your letter of Dec. 25,1913 , and I an Glad to hoar that the ? anses with soods ronched gou in sood condstion.
 With eraftol Zoi ponches, Larce fruithol thwe and rare poonien; thit cese hos boen cotaimod by the Jupmese mbliorl tien at Robe and hoil so be inspected and funtertol. I se afrad the sontents will mot be much good by the time you get then. Inell, one simply hes to that thinge as they come.

Heve you received all of ny Jujube shipmonts, I wrote you about? I do hope so.

With landest regaris. also to those in the Garden who lnow me. I ann

> Very sincerely yours,
wautic IT. nimmar
d/o Anorican Logation, Poldnc, Chine.

\section*{, wall inctis}
\[
\text { arch y }=0
\]
gralyen





 buech foes at manolen









ven ngr es a lamos



\section*{EIE. NET}








 a aut of yellaw Iabols belonging to theta


 have been preassved and beon from are of gue gtrice bogaz is chat andy


I had my interpreter mo ncoun here in Jominc intarviswing soma poople and arictar hare nod thero, fut nobedy sis dme bo wy fluse they Rad saen a collocthon o: Jưvbe frut ba.
 quenblig of ach kind binn resempved in bolisees, waila the post ing be




 15 the mast noursatints.

\section*{bent of yur our nales}

\section*{}























I wiso would consider if a mhentuy ant if you could send Mra, Buagles afow of thene large "Ma taso" so at to lot het soe how the Ginwe maga thene thinges.

There is mother m: blar intilu. In formom notes i huve uased



 Mígollanecus tnformation. 1912.



 2. Jufube has stood the metar cold of Phindelphat How co:1d this Be mo?




 conalcerable mixmp in the mole gomus. fow ny woposil in this:


 we mill atncorar mmens them:
















for at






















 the nove Tung ohane tsea as velue one of the beat in Ghima,





 a Laxative arceet wen Boinc autm in say mantitiens cuned by thois



 koog it from sumbinc amby.



\section*{ETOE}

























 Bambor jaxin that is, of course, if it houli bo rucelved in rood conititon.
 wermeds, 1 remain

Tery sinoertly youra,

 W111 daspatch vary soom. 3 . 18. M.


Potiver Chinas Hyy \(0,1914\).
Dens Mr, Wixchunds




 so when he reoctved the MAm parks. brat to me that wexat to be very unitkely.

As you will wapy tho mun ongeets of these legeg fotos





 2. moly lien
 \(\qquad\)














 .320424



 \(\square\)







 RyM





 that they ona be made rase or.




 a the 2 ont onow. I rematn

Tery sincostoly yourss


dose



















 Elvin! atimotioll a


\[
\text { Foltwe, China, May 16, } 1914 .
\]









Tos. Dossa mi 2003n





 I suctegt to give them lule of the yand




 and ofico




\begin{abstract}

\end{abstract}










\section*{}







\section*{}





> -


 interveting forms and I turcoet that they be mut into the hende of geme ronponible farty om somith i mupose they will ho woll in

 some ageds.



 in hot wator to inatare a rutch gexminctuon.


 18 not lano an as zet.

 Sedrola sinonmis and 5077ng palomata fortunt.


 st Chtco can Roctedile raz thes capactices.
 roed ghade trae for the Towth

TH. DOBCH is an Accs? I would not may for sure whethos it ต린 be hardy eprocies ox not.







 H















 Wuth at Amote for inotanco.


 hes probubly hiv biggest colloctions in axdatence.
 plant: I hoye it will prove to be or wie.


 crowine a fow apatimons at the krtaratum there the ordinary Corme of Ghis oriontay Arbowvitad are not lurtey.






 Ther ho wtill noeds will fornt of ispasague fon his woxk

Thww



 thets specinluty.

\section*{VOA!}

\section*{}








Lont ese of whe bluov \& entedanfo mym nols of so









\section*{}








I also taded a pookege of eack of the Collowitg mumbers, Which I had retained for safetro gite, wiz, Ho. 2008a, Mosprrow
 3i atributed at convenfent.

Cow you inforn me to the axnct nam of this Brumes somple 120b, it realiy is a fine preserve, will morth beñ experimoted mith in Anories.

About these gilis on whus sematate, smople 1123 this brime back bo a lebter from you, dutad Pob, 4, 1214, together with



 coilect mors anta mer more miterin. I malone the invontory note of

 bit murprised if we dia met com th selest manche acording to theis Canmin-contente, as we Beloet now Ginohons for their cquidne.

The pode of arouocladus chrnomas. sample 1220 , may be put

 to perfection I anypose.

The smples of rood of Catalpe bungel, So, 11.3 and Paiomia Fortune i \(\mathrm{P} 70,314 \mathrm{~b}\), my be given to the wool colivation of the Porestry



\section*{fint}

\section*{}


\(\qquad\)



abtineld n )



















Yory sincagaly youts

©/O D. O. Ianchomfty Konan, Gana

Xodran Chines, May 37. 1914.













 Bot. Garden.



The entomologaz meterial fill no wou: bedivided um
 hrmed over to bhe sooloclonl survey or mone ocher body intervisted is them



\section*{}

\section*{}



















Well, with thee ght puonte off my honds, I sti.11 have some
 ones.



 All of theen thingo worry ne egod dan.

Fell, I soon hape to hoor sout these bratous matters. I
remsins
Fory ancerely yourn,
Mrate s, mysa
P. 5. Fhite Noif riftr his mbours iv exrchiys on to tenuhowtu, the
 the gresont.

Forems, Thina, Hay 17, 2914.


Tour lettor of muxi 1. 1914. mached wo fom deys


 Your suygention as to anemains thas on soms bi,ue poreelath has beon comsidered, but-in a se 1 did is now isd rould sond you momathing

 mont will be out of the guestion of oourne. Bony bilago, levever, my hrypen botwew soes and then cad we hatter bedn't boll wie shidn bofore the


\begin{abstract}


\end{abstract}

I Gcemb




(2) trats chemeit mell sinn: Tuen

 atoserns all
 2










bear is in oux hands zond sidnamd aimo.
Conaftions ara not pet setblad in thin troublesoxe kand robm











Hae fle, maxett retmund alroay? I wonder mhethes the tetai resulta mera renlly wosth all the expanalituxeta.



 hope zou nee -11 polne hatpy mad vell:

> Pary stinccrely yeurs,

Mark \% . MuTh
o/o Anmenan Legetion
gektne Onina.

\section*{3005}


















 athons mathon of

\(\qquad\) 0 .

Mear Ms. Foyreltidat


 mentroned numbers.

1 Hope you will rini mome fotes many baid \(20 t\) that will be

 tho Peking city wall. That nowt? (ive. 359)




 of our warta









 ship Anc from Oifce to Whatngtom. Has everythine to be ingpected at














\(.6-4.47\)









 \&4 bak


 then I had bettor cut out chico in the ratare.

By the may, 1 was informad by the dimpanese P . 0 . here that

 it mocessary to bura mont live plat exterial ahypod from the Orient.

 lector and hand ap gowething els.



 phand insteation orfiee of hie Feribshure of Rebe. I have mothine hoart as yet about these spec mant nid I supose they will h ve besm burnou. The nost of the plata are yoluy on to Beatie mithout dianinetion, whis a dapanese inmpetion certificete goes mith them,

Wow I wish you mout be se kind sal inntruet mo mot to do in the frutures so as not io herve the e of suppoirtument mad this weste of
 and being dontroyed aven.

Yery singetely youre.

\section*{}













 shamate wit






 a olive lequatisl zabd lia


> Peldme Thana. Hay 2, 2914.
















 egting problem.

 snel.)
 Thutr \(\mathrm{an}_{3}\) toot



\section*{}

\section*{}


















Andoter ne2ta



Faer \({ }^{202}\) iasa


 I huve han bat zucle then prospective intorpreterm. I Iave
 of them wero toc stuxperiencod and tram too littelo of sverything. The Iast chap, tho onme to mo cocomamed by me orrisong whe to he ve cold


 troops: if not. nobody roally lonome wist thoy my not do yet.
 202d acguta.

Taxy sinoonely yourws
 o/a han wican Lugablon Palkns OnLna, Tisasbowia

Pmicins Thtith M等 \(22,1914\).





 1 moleccmatot in ulcohol in s glata tube.


















 \(\qquad\)













 feaz of leakrge mat dannge to the molls.
 1nterented in then.
細数 115 b, in dxpliceda.

Tery sincesaly yaues,

0/0 Anormen Hegation


> molnuss China, May 26, 1514.

Dear Mx. Fairchilat




 evory deym sthin. I bhouphe in might bry juab as wal. Bonesed
 Kuतly brine it to the ettombon of Mx. Bcoftald








 \(\qquad\)
2



Wamy . W Want




\author{

}














Vest sincerely yours,

o/0 wox can Legation
Polctuty Mana, Tis Gitoria
















 how fow goos fotos exint ef culuvabed sizming, rotwithetundme the
 Serame m2at。


 4nsmals assl



abomill wir malm qumbers
 \(\qquad\)


\section*{}

\(\because \quad \cdots \quad \cdots\)




















Honsen does not seem to huwe beon in Poinge, st 1 oast 1 have hemrd nobling about in.

 posngily be used in hyberdssatien experimonts? Ons of the things I would

 of the first and be bring mare color inte the last,


 of reat for such a dociduon trees from thanembe wetons.
 geare well, how fus is the prospect ond whit paxthoul.es aeotsona of china wlli be cavered?

I ma or course very melk intorsosted in this whole thine sat mous like to hens ame mora detalin.

 Whey bolowe to the pyrentatele subher thas to the ortictual saction,

Letter of Hov. 23,1913 , civine me the anclyst of sead of
 thouph the protain contente, bring reppootivaly \(12{ }^{2}\) and \(10 / \mathrm{F}\), we neck higher thas \(x\) expected.

Eetter of Tov, 20, 191\%. A. Lbout appropitations being mether



\section*{telol}



\section*{}










 CBarovos of 15 ?







 Whem.





 is pot s mod botumial macine perbaye, Inst a conclomorate of atifferent






 to to wibl the insmen of mutrer in the spocimen lrugst so sunt in ing bhis MF: Mreede.

Latber of Nov. 21.2913 , isth molosuta of oogtem of the com

 Tuma wmes ati the petsimans he ont got; welly, I bope he will got some
























\author{

}

















 wht watubla arution or chactis.





 make of a point to zind sut mox about tho: mobstmoes then bock segua In Amertict


Thathus th: faros from north Chlm are mah good? welk, maly tiviy so.






















- walt: \(=4\)



 Sh stonding vater, and only bovent the sud of summ ann one dran off the

 course thoy are nat 10 ke gual 1 bat nealy potetoes.

Ahout thet-lumebris futerom. Tow say thas if rould be a
 oxperinmter com south do som iswate wats itf It emor be hadled very
 mud up th the maset in harvesting these satamouts. Ifegro anbor or chemp

 distrycta! !

Tou since have recoived slace watornuta (ample sib) and I in-
 be wy to the erpectations. A Hiske that it is, Hke so meny of Bhimete sตeets.


 pure and atmple, that sen simply mant sumbt the inevitesle. Thers Is oue consolnvien abous the ince stare I male and that is. that I was



 It amnot fall to be of bonefit to ovorybody concerned.

\section*{F}




























person. I yorse to see hin nlace somberture dug.

 the Gingse ape platimg it fox that purpone. 3 ouly manted to huve it









 The gatior surcomulng land ray he perfoctly whthout it, Fell, on


 pervertat an boak Lantares.









































 santorind mat prove it to be posmbly.


 other romb of aledtitalay.
 keep if sent over. Wivl. I mupome they do. In tact. I hure gent ore? a

 cbout this woln thine. \% bellave 1 sont thwa oft on twiy 22,2943 mad a






Vage sincorely pcur

\author{
 Ancrican Legration Peking ontax Vin Sibeala
}





 (40) :





 - enchathatb le meroy wacts











> Peicines, China, May 2 2?, 2914.
> 6 a.

Here it in agan, this conthmation of snswerime your math,

 2mthar of Doc. 21, 1913 1, Fotos boinc discussed. Thethes Frums



 up mithin a couvie of yeme.

Whether the sproutea bean has its protaln in a moro avalisble forim thm the unsprouted one. And whether there ad hot not metray be move protein in the wrouk than in the bonn. Woll, I cun only sen this,
 sigested then the unsprouted ons. In 1330 in more santeful, Iut aecord-

 cood old soy bann amee eprtaicled ovar thens They never promice that

 for hi,hoeless bew woruth. The othee band ape cowse ind s.ste downicht ras and "beany" and produce fletuiency shan eaten sproutod and soclided.
 - \(\cdot 3\)
\[
\text { slf: } 11.07 \text { s. } 51 /+x<
\]







 athen to ofeve a alath of













In eise Dr. Auberg wintod to gut bemuprouth to ancijse thom,





As regarde the peratimons of fote xax, whother there are may

 Sto suma bypos ofth egatorial inalikons; I hope that will prove to bo awn. Thether the incision waice with ase of tho tree, woli, somontues, I thould sw. On joung brews one flade the mant goniralif wownat Bore in the makle af the fruit. mhle the fruitn are aloo sowndar and beaviep. On old broen, hovevaf, it sems that thes peculins erosso in ia graernh nowror tho top, whe the froith are less roved, but nove flattened otf, 3tilk, one aumat sug for suxe mother this is the nरle.
 In per sam ayythane live it in the whole of Chlna, Here and there,

 patch of outtinga in all thene travels I made.

Then I wrote on foto X S3, that the fruit was 盒raguant, I
 perfactiy scantas.

a twic min the fruit, se st wive it were Flusble for botaicel and dristic purposes. Gha thing mill be hor to gut such lenves mad twics



 dowed molds Eninuly





















 Thrioun frutta betay plucked se si to bo aum of th. The skerage

 ay old rotos so thon I can fronge them according to subjacte latas an.


 have these observations muliahed in a book. th eoud mang peopla have



 all of what i put anto his handss re thase grains.

Letwer of Jun. Bo 2n24, re piens of trabl. Welk. this is mis past hit tory nov.
 of them ofriaincle. I will try be got some whon in the mountatna of
 Tmbexb do nst mite lgbactis, then grom eloas togather, couldn't you

 0002 nighta and 15 surely wili noveg do much in wahlngton. is the
 Dr. SGachbercer seen Dr, Llenry's moteg on Rhtaerb in his Yoonome Sotimy of Cuinaf it my bo of use to him in en se he could find tron to co so.















.ver prata ㄴ, fact





























 nuice bed teath uramble down fust a trifle guicloer, I aent pre not long

 thens.



























 mattex. O. 震.




 for pleman.







 Garlons only. ha pogurls colleebluy of bertumbuntoriai, I do min



 all soption of thinge.





































 Bout tha if you w ve the Antomation.




 saxe on the 0 and the wethag butre het the plunts hud to come in batwoen

 mat and comtry tremeromo bottar inte socns.

Bes, the Joumni of Raxeasty is Exch botcer thon that 2 st copy




 Moy \(10_{0} 2914\) and hawe aent in moalaans under Pos. 2115 and 215 b .
 Seppone thatbu margent for \(\$ 000\) hes been sent to me, I lywe mechwo thate

\section*{nater}







 solimethat eat prid rop 41 shitd zame



















Well. 1 1rove to no wo to the Logntan now mod whl conduda Cas the prossont.
\[
\begin{aligned}
& \text { Mur }{ }^{5} \text { TTIE }
\end{aligned}
\]
axina, xa 3xvera







 4) xemata
\[
\begin{aligned}
& \text { Tvay stmaccoly goura }
\end{aligned}
\]

\section*{sodr}




 an (a)



























 11\%, Pego 7\%.







 ar


















* 5 eg entirit




 anhed at patifan? of eniver ape





 Thoro in a cruat noad of writing up a boak of the mature, at montional








 to hour bout 31, I an

Vaxy sincox'dug yotars

e/o mandom Kacation poltre oturn


\section*{- 15}












 foct 2 me


as I , all amst onat of

 alnals an
\(-2\)
共




Hacr fix, Patyouthas



 so to mpock of for the 2 and D mantha.






 contine onefo thouhty to tho mbjact.
\[
5 \mathrm{p}
\]
 fin ure pasking ows the birod alty. The toors mit vindove ho pe gocsod
 wit frg hish the wom,







\section*{}



 , whey 4 dhat mad vot , le theren of of









+8,, 75





ed PLis






 generally bentnad and visculdy dicmtod.

















About oxplarine Renax, yem, ve muroly wil. try to do so this







\section*{Hent}





























 roblem stade lomehorfis.








> Yethar af Tio . 20, 2914, with a coplas of lottorm all











 dotne 30.





















 -102l min mbaby












 41. I only ounot wadosshand why 7os. 1044 and 2045 mare sent to you




Tiother of Tole a7, 2914. \& thent masom? colsection of rom wos botue so mencriomb. Woli, grov, to tre boen in ono of the moct furored profe of China. I hre moved in the mare arte perte of
 now fotos alk of tho blum. for the flela hors is of course bocoming
 \% will therefore alwoy mprodiato it if special socqueate ase made zos contein thaymo.




 40 have miseed hine























 dall lean bit ind at


 comine back ono of thene days.



 as the erowise of the leverthons, wot of course this it an epros and thould be totus yons in the frownde, etc.


 bearinc: troe.






Lot tar of March 12, 1914. I am glad you aro goinc to open



















 net! ! Taned



 which is ompution




















P6\% 124
\[
\begin{aligned}
& \text { TuTt , [Mn }
\end{aligned}
\]
VIA 3 burka
Jotimes futre, 3ay 30, 2514.

Hown Ifor Taimehtias



















atiti ini yor instion putior
:8f: wal An 2e..





 that giese of 2 nud proves in be 5 both woll, why minnt myone then the
 but ona nover mons them in athacting ratess Tho wator mant bo sliowed to



In oube Brodavilie ahoult mis peve to be he bast plase cor








 from the phatathons, as they motr Shes bent. 1 mas mito 1.6 a point

 a good soto: aso the great muptotoumens an reyaria an omara.





 to to se, bat one almo oujht to be sale to palah tetalis, when mantode

\section*{mei}





















 stact A













 Deamhen, bosms ant wheas othep biluges fres thent it is or course
 mictis of fzut amatan.








 then to yent rexbally some hay.

 bo in wo hotherive montion.









- प41 .





 Trat

 \(y\) HMhalnh










 ho wointithes poopled

 54


 the \({ }^{\text {B }}\) 。









 pouth and grat motoms.




\section*{Dis}










\(\qquad\)










\[
\text { datie }=-1=12 n
\]






 Ades of purhing the poxair:an sa in acolal prothonet is thy probm to be




 18 x









 that is some lithey
























> batamen sitals





 R we ne bibjections to the wis of tha Informition it cont ins for the offloe












 any blatuon Teto.





 unomind fous a min we mell wroed in the mubjoct of passimmans.
 oote nd owth steth follows I xembin


\section*{bas}


























 ETin = \(12 y\)

> Fevanayy Ghtum
> Jian 7 , 142G.

\section*{Dear hay *asmintlat}







> Tery whorely yours,
(e) Ment W, Wogne

> Natio, cuats
> Tuma 3,1014

\section*{}

Hoty letuex havi onwe in from Jou and thu some weed not necroom naing be ancruxan, I lad bettor go ower the miola lotw
 by Dr* Thabut in Interogting.




mald \(8 \times 3\) in
, \(418,2,205\)
\(\qquad\)








\section*{}
\((2)\)
\[
\begin{aligned}
& \text { athe , wiza } \\
& 4183_{3} 124
\end{aligned}
\]
\[
\text { itburt } \cos =\ln
\]









 2Hill try to get pomes.



 the warious dellcactes I have msmb in theng Last thase?



 mishantiam: you buve ment an.



 कू"



 Athong infownthong
 tejont alis mor gimat.



























\section*{A.3. Fight.}
 Bnsomentlone




 I thought tha Califomia wurnery Comamy nome Gulco had mone af them axy






 procivod. 413 Tictio

 his Chanose enboages.



\title{

}


\author{
\(.242 \pi\) 124
}
 +79.19 Enilit2





 20






 andily thenlacosa





 joumay buci of then.

I ank gat to got Erof. Sargonts zomaris wo this Hyurmua Eramence It meems to hove been a real desidenatri.

 with alrundy*



I juat arecelved Dhant-Intmauction News Letter Mo, \(25-16\) and I see
 ne bert concolidatione to him and my wiones for a very puody recovery.
 ре"is"


 ลั"
 deanatohor to ne. "ary thankst

Tan, partactly monderthl and amaing this photogreming wort of It. Doxpett. I corla not do it.
 bost of greetings, alas to everybody in the ofrice, Zourn wexy sincomaly,

 \(\because-3420\) d \(3-\cdots\)



 - - vin atin






\&ㄴㅜㅣ





> Pating, Qhing
> Tume 4,214 .












 52 marions.
 houbembilotng and the Food of rinlah is very dumula,




 alao, for ma Eam as yua kowi

 Lenn syomave do this geme thind
autay ancle

itationala onl











 timaikia at











I have a mall remasat bo de, wir. could your raese mend me a mand yocketmenomar for 2BLE? I eumat obtain aytung lase in this et
 Gustorta. Did your mow that itb mito can be used in the manfactare


Trusting these Iittile Itams of information way be of value to ous wark, I remaing

> Very sincerely yours,

> (a) Inaike IN a doger
mben Onn
Twhe 42 2314

 end Jothers of nim, but, as I mapeot this mouns to be a rathor show

 carrespondmed.








- vid




\[
, 21=4+8, x+0
\]

\(3.74^{2} .3\) thand (a)















 thoo eurly get.






 where Ezeschmal ghki colleoted nervy wovel hios.





 In Whathuston posstbly before the fiscal gear has expired.
the probleng to mich srecial attontion wili bo yehe on the oming




Thew are sevoral dath clourls hanging avor those moposwed jourwegs.
 raseals awe atill oporating in Kansu es ecianly, and at times I am oonm sidarably morried by the aomotate one finds the the queps. I would mote to 10 an whole outfit in man encomerer with thone moundrels.
 46)
sty vigas get

A(mutritin L-at




 wastal livai vare satoolies Latelmbocm man

















 I think we witi be able bo mungo 50 dright .

 ta hope the best.
 Vexy aineeroly souxs
(s) Traut w Neyex

Polting, Cham
\$x
Denz im Patavhid
Tais nomang I weceived from the Legathon hexe, I Large roll of
 the pospegytonaint of qutte a mubev of my mileting on Cuineme fruthe
 these thinge. I home te make gooz urocs of them.


 2 and \(^{2}\) a aze mincint











\(\qquad\)
\[
3 \pi y-\text { at } x+n)(0)
\]



 a+14 10-20.26























 Will stull find in thece ambandst

I mee ny phota of Letidiant meschee wane pounidered to be good

























 S.A



 20.







I an enclosing haremity ? facumarbe con lad together rolatiag to
 who can deatroy them, after laving triven notice of theis aontonte.

 os I an too busy whin exploration work, I have tamod the lettor arer


 I have turnod over his lottors to ay office for conatierntion.
rell. this in about ell for the rresemt.
I rembins, Wexy sinoerely yours,
(d) Prauk H. Weger
\[
\begin{aligned}
& \text { pocme, Cine } \\
& \text { June } 1.5 \text {, } 1814
\end{aligned}
\]

Dear fisso Patrohizd
Several lestera Sram you huve come into ny poseention of late faxd I111 hurentith angers and achomiedge then.

Lettar of yes. it is better tint the nowmpuer mon do not hoos all of the dotarla connected with ous oollecting moxls, We bave maxtae enaugh, mithout besug mxitton ul





















 bsem thatnged bo mack.




気 oollaction of wy dried piants.






 pemidata sro meant. If so, the Chinese might Mavo eviriteratow tiven with






































 wath an anlla






 to go whough thin 73 tuxutuxa.




 Way have waye wot?






 Speopmona of thegs trombore-mertionod poplars had besn sent ot the



 2












 \(\alpha\)










 In a Iottar writtan waty in Doombery 2013.

Latter of 100 24. 1024. Bo Ammican Minester giving se assistances, Bta., 43 x wighto

Lether of Hov. 19, 1934. About sutting a corplatnt into the mands


Welly wis ia about nill about fous mati.





 In inerica. Kr, Oaviey may be intoranted in this.

And herevith I mill aoncluaies
Fer: sincemily pruarsp
\[
\text { (s) Mrand } 11 \cdot \operatorname{wactex}
\]




















\title{
Pelcing, Chins
}

Sunt 25, 1914

Dear kax. Malrohs3e:


 It containg burbils of a mo of gaxpman and migh be twed at hociwhle,








In your lotwar of marol 12,1014 , pori mugent wo get an mayy ate 50

 where thase clicrmion axe being oilitivitret. Iuat now, timeo cimstea

 coro, there wlil be famiso in sumo of theore llorthom districta.




thatio smitigy


\section*{}
bhasumatich net \(\%=04\)
























 Vary utmoomaty yourag


Refring. Quirat
fune 20,2024
Duar Hi* Pumotitlat

 Inclusivo.

 the Legution was mint enongh to gunuty mo with a ayetal permity obtnined
 I wigh yot moula lendyy dixect thom ba his attontions












\[
+\pi-1+2 n=2 \pi
\]
\(2-1-1+1\)
 (20)



\section*{}

 4. 7 7.





 \(\qquad\)














 nows


 reatiy ennde out mint is an a unta


Very siacersely yourg,





4 Aldertize
















 2





\author{
Poling duins \\ same 28, 1914
}

\section*{}








Frunus bomontong tried frutte
2rumus twitobny R2omexince bronahas.






 aformentioned epect mona*




Na
























 and D. latuas

Mense Wave a Iooit ut the Lasge Paworme vaxiet of thas pary Pronishrat kruma tretobs.



 Fou woula mincly burng it to hia attontions







I hope that the maturinit will weach you this thate of courge








 acatel of fua





























 cultare, on eccount of the bnaty shaztoulug hathaw


 patecton. I menting

> Werg it moorely wurg

\section*{(a) Frank H Taynat}

Retring: Gnina

Mence hrow Palmontids






\section*{\(2+2 \operatorname{co12} 2\)}














 \(\square\)


> math yatinit \(415-13=06\)
astakital Tont an











 Doth theen thaks are used wro an shantas and chiny ingrationtas




\section*{217-92}
 Wart alncerct yours


\section*{coes}














\[
\left.3 y_{y} \cdot . \operatorname{din} x+i s\right\}
\]

10
\(\qquad\)

Dens ion Patrehtid:
 marked aoods, \(22.5-3\) and froverly addressod. Tho contenta are abost tem

 of Dhaner. I wish you wouk be ar kind and have these jufuber tortod in





 in ortant firuit.












\section*{204 athon}

\section*{- Mux ation}

80.60 .0 ,


























Whill Kindegt regurdis, I xomafre
Yay aluoncely yours.

> (3) Bram N. meryer

> foktag GhEnt
> June \(26 ; 1214\)

\section*{}


 Fivaty de3uen belances Lever






Than milvor dollas








\[
\text { mase of lionet ( } \mathrm{m} \text { ) }
\]
\[
=-2,10
\]
anill ont eup

\section*{}









541: =vatima






















 Wury dincervey mouxis,

:\%











 \(\qquad\)


 \(\begin{array}{lllllll} & \cdots & \cdots & \cdots & 0\end{array}\)
\[
\begin{aligned}
& \text { Cunce the fa, Monen, }
\end{aligned}
\]


 thand accoumts.

As you sele I have made then out on old thater of Marers which are




 diveloptag aw rantiag of about 153 atomares. 153 well clso note under










 U. B, Gala, mitel i had onbled to tho Socretary of Afciculture. I wombers Wow far off I an fron the cotumi amomt.



Antistal \(431=23\)





















 -ituon hutan mit bent as I 2no wh wod

 youx:
 howrevex:





 Whinge 4 geasising

Vexy minneren yours,

\[
\begin{aligned}
& \text { Ghave to than ifonany Onina } \\
& \text { Haty 2, 2, ive }
\end{aligned}
\]










\section*{}

- 2 n5

s.anesat





 setmin \(8-0.14=4\)

\(\%\)

\section*{}

20

\[
1=2,1+1+5
\]

1420












 Gone ate tas may ent man to givo thes nowe antidote zacinet a too




Mrubtigg you will recelve this we ort oll wight I manir, Wery gincorely yourb,

> (v) Stane Mo Heyes

> The mat, Mackas, Cums heg. 72 1414

Dear tho. Patrobtad





 shume and crooves, bry etell ou the whole here is little dipforence botwam a rexy poos meodilng-peach and this will omen












mer on xam |a|






 Pat





























\section*{}

















 C.


 \(\cdots, 0.64 .6\)










 and In luratua, that we safory can eny that the coman eramilug and

 toubt, as it whated 4 a Chineme chronato.

We have hat bono very hard days on that wholo trip from Gimate As

 bo done with pacmulen and the houth - boost Gopth - ATh of Gar cemdies



 to let the gas pass off to revent sun explotion. Hows hovever, I find

 mploots, ote., kavo all becone shacived and only the atomes end pome RHees of skin are left on the botton.

I concluade, tharefore, the tin the hat of the Bumer one canzot aeary frita in alcohol with one Tuta winter Ith tay it again.

\section*{rues}

\title{

 \\ 
}



















 - thed ell an thal mo nbis Is mooaly

\footnotetext{


}

I eonembe, thenstore, thet in the boat of the maner one carmot


Wa had been mand kn humen to be perer cerefur, for tister we a
 Hirearms all of the thoe, but luotcly we had no monatos and all we
 two along the roadside end getuming at us with it whie teoth, ohowlag parthy through the drted-us bisctoced skine Deneath the sago there
 svil-minded aortal解*

The whale thing dicutit impene va munh, for we were poraing turough




 cuancas ow thitret.







 too rapidiy when on man a long tuly at this.

\begin{abstract}


\end{abstract}








I





















 in ala chan go difrowasty from whet they do 14 otwem lames









 Woxy mhacrety youth

> (0) Ermir B. Ficycs




















 \(\therefore \therefore \cdots \cdots+10\)




 Aurugt 26, 1014

\section*{Dear tix Fanmontiat}



 dame brick thoorg in the Ghinese inns and the cacemingly bou saritury




The day before Jesterviay I had an intarvien with his Jrealoney tho Covernor of Bhens and he honcribed the yoads to me se bolng mane

 in cuab arything shoula heppen to a peraon 13 ce I and the mpet conventont

 and wa dinply see hot thinge are.
\[
\text { Sunday momtiogs Aue. } 50,1214 \text {. }
\]
 a contract with the widicerg mat nothing antarseres we hoge to co
 lagt days and the roots are baid to be gotuthing figwe, thatiy krare


\(\qquad\)
\(\qquad\)






















Tuere are to many bromines Moboly mocas to kow mob sbout scytrings one hat to welk and ask again, waily to find out that the Informathon obtainet is incortect.
and all those diferoncon in diflectas ay, it is sameting
 the country poople and there countay isves boine çato sherend, aften

 I will bo glad when we ara ance in Chengtr, then the marst part of the


Just now the Chinase aro anying that Jayan hat deciarod war to
 Prom here and frow Rancu will of to tia ocant. Ho, has bell hoken loose
 to axtemainate one anothor there in Rurope, leaving it over to the countr
 to reig dermeas owar the ourth now and thes arter nourly in cortarise of Chritutan taachiag.

Well, we must keep our hasds togother ta cuek times, milho the misery suffered there in fuxwe anong those of our own mee and kin menas to cra out to us here in Cusne oven and one cemotescuse the domine effects.

Now I wLIL tell you sometiling ebout the past taxip we mede. On

 sid a might, but on Auge 3, we lett again for Fei halang chen where we arrived late in the avoning thet mame biay. I gnent thare \(1-1 / 2\) days


\section*{areI}
\(+5\)

 Woper coni et Gomiedro












 - aulisent unduatuo Io











 We were qlose to thin slres, but now the trudble came. The interpeter had been foolod about the roads on the othom atda of thas wollow HVer
 2all beat unom some manuoads that iear to the E. W. agrin, therely loakg a fer days of voluable then I might hawe been able to cross the mang no perhapey aftax mach troubles hut when onoe on the other wide wa mget not have beon abte to momen any furthor, not to ppeak of guickscnds and mud-swamp that aro mute plenthul slons this freackm

 of importhen ox pantous q111sgen are not evon on the mans.

Well, on the moxning of Aug. 15 ne wore agetn at the Mang ho, In the aftermoon wo cromged it and in the owantrg we xeachot Chao yi
 atuck a min rond bo Biturn and aftar 4 deyo twavel warswed in tho
 of mone good food and some rest.

Here I huve had my tromble in not being quite welly is difesculties


I had wowe of yy begege mextered which had beoone domnged, we













 - 1 a te .........











 at
hundrod and one Bittie thing sonnected wha work of the kind I ex daing.
A forelgher fonsed thre here sowa coge back and he tald as that on accomit of the goidiars boing on the rosa it sas alnost imossiblo to get carta or animals: peanle prom the Stendard ofl Co., have been mating

 We got thm now a far as this; further West, we are told there are more antmuls to bo ha, Tho Parmere in the willages around have been hiding thoir anmals ever, for fear the solater: apmopriate thom.

It is a remarkabla thind, that yha ceaches are brought hore tato this ofty from the mountains to the Gonth of here and sold on the gireete as ordinaxy fruita. It is ptrengo to aes thene grall ereen panchos to gether with some cultivated ones, which ame 5 or 10 times the sino. And At is all the stranger beceuse thins is such sh old contrys one mould expoet that the original forwa monid have disa penere loug mo. It is


 Crinese in some respects are stily gut ta primitur people.

And now sa to my plans. We hope to go to the mountaina south from here sround Tac wi, where there are paid to be plenty of whe pecciost
 Methalen, to Facks there we may get other maieg. Maen over Pens bstea, Loveng on to pifons fron plyon to yant.at and on this zote streten I expect to collect theme wild penchos nnd almomos of which we have bad
 Mincion to Emotions.

\section*{wer}


























 I reacis this vemtal of mansu, but I think it 712 not be moty the and of Octobex. It \%ill be a difiscult pleae of roed, no doubt, with jGme excleting sdrontared, I supwate.

Woll, we truat everytiang will go all wicht.
With kindost regrods, alor to sveryboty in the oferoc, I rexaim, Fent sincexely yours.

\author{
(3) Pxent w. Ateyta
}

> SLensir, Ehons:, Chana Are. 20,1214

\section*{Denar *at Razrokild:}
 4 paroele with Botouion sueptens, sarkad resp. I, II, III, and IV



 mens melosod of vamious tainge I moun Ithe to mak gome mutestious.
 may be nubltted to Hew Mall. In the hem, No. 2110a, wome fore gectatist will no roubt be Interowted.

 Sta. tio wowtur with onotam boons I boliove, Wr. Dhvemport at Cold Groing Jarbor mikt Mish to obtaln a Paw beana anc so amy be wore ergnomimenterg.


 \(\because\)
\(2-2+\cdots \cdots\)



 4racyviramati \(17+1\)


\(-2.2+-30.11+214\) \(\operatorname{anc}: a, y+a\)

 1ticatulel . 818










 .






W0. 2lea, might be anetributad between Anmican and foraiga Botanic motent.

And wht do you trint ebout these 700 stoncs of the pato-troo of
 geople and Institutions with thom. Bras the wila peach beon brought out of Chins bofone? Enctachnetiox seons to know mothing at all about thelp

 Vo2. II, n. 1052.)
 In the Rocky fountain stntoes, while the ciltamtod ones, Noe. Resta,
 oxperimanta.



 ventigathons, fram Fhich we hardy ever hoar how our hitroductionts fano.
 perimps wo will obtan anc really decent fruit from thom.
 better rat its in Calfornia than in the Eest of the Unibed Statema

Aus now sw to tho miriaus ama Les.

baterat a speatuliat.


 x-b|ta






\[
1.31818 \times 15
\]
















\footnotetext{

}
 musmar of the Porest porvice night possibly when to rotain tis in croe we should mot have any ue for 1t.) Tro suitoks of word of the zen 414 nescli, owil. by mo in the mountatins near Tomo yn, Shansi. (mene could be lat into oure Ilational Ilorbatium.)

SBranches of Minus ceractions?
(

This is ail harbariun material and I Fimb that above all, Hrof". Seryent
 tareated in abtaining a couplo of theso wild peaches.

Then there are 3 packages of galls on fracesataleth, sone surely ought to
 pathologista, and taming specialiets will be Interocter in them. (for Inetanoe, If . Bosea from Medison, Wisc.)

3.2 way go to the Burear of Emtrolofy and so will the botthe fall of all corts of Ansects. I hove there will be pors rem monsters? unchy them.

The Plve rind moch fruit in in the Insect bottie sicht be retained Df our office or given to Ponciogical. Inventign敞ions.

And whe tbout this Comma. Is to one? Could at be two potrifiod
 wore ware of ancin thinge in the montaina and some muck 2sarger.

Well, this is about all gbout this shlyment. I trugt it will reach you warely.

\section*{0 Cl}

























\author{
.ybrial -
}

Wh have hre several trenhioe of late and of varions natures. Harat the wemther has been wory rafry and demendive of Inte and overything is rearionly damp, Then thore ib gome gort of an eptomice raging
 of us fioneignorn hore are afiocted also. Than we are atill 2iving bere nmder military mile, on accomnt of the thato walf disturbances In and asvand this bity and one camot obten ack-antank to go Luto the mountrins. I latwe been to see the Govexnow and he promiser mo I would
 Ininls a lattor I atated ano deya ago.

需施
Por stacemely rours


> ChLek Chou,
> S. W, Knau, Ohime
> act. \(3 \mathrm{~m}, 1 \mathrm{~m} 4\)

Doar Hur Fairchtias
It in already moro than month sgo mince i mote you last and it Ls getting tíno thot I lat jous all bow thut I an shall allwe and mein.
 instoad I was sbie to go on Aus. 57, making Iox pae un hsian, where we arrived thet nane evening. Rron there we went over Chowhihs



It has been a diffioutt joumey at times and the weathap has been quite unfavorble, conectaly curing all thene zast weols. Wo Wre hare

\section*{}










\(\square\)

\(3419,1-243,+1\)
....25. sith .too
\(\qquad\)










1n S. W. Kanga nothin hut momtatas and the ohemste as a remat is entirely different from thet of the plains. Heae we have wall min and Logey; duli wemther, whion 1 a bad for choto-tating and makos at hard to


We have travelled ell the way by pach-mules and I have maiked every mile of 14 , exco:t when crossing ane wivera by fexter on onlo-back.
 have mot been so suecosatul.

One of the most intorocting things I sam was a specimen of pistecin
 ground. Then we found wind peaches verywhere in the mountains and I
 Shousi and on many pleces here in fouth hansus the anmt ocours mild in thiokets on gentle mountain-aloper and is also planted here and there near the houses. The netives use the wokly-groming stem fow builiding purpoges, while the bark is entcomed as a hemot-strengthener, ospecialy for such peonle wo have becone weak-inarted mom inatigence in optun saming
 Rlowerg, blooning even now and much viatiter be wild bees. I would mot hesitate to recommen thia plant strongly to beowree; \(0 x\), as one of the latest honey-mappliara of the yeur. It whl thrive ospelally moll on stay mastes in the foothill sochlons of the Rockies and tie Sierra Mevada*

Hear Meinsien I found to my surmise eral patches of this Imrgo-
 petioles of the Rowers and the young togs of the ahootas are packer,



























 orew floux noodlob, to gite them a gelatinoth and gukmoke flavor. One Woild sey how mary planta must heve been ax aminentad with by these peaple to have foract out such a fact.
 borries mitich the pooplr seem to be fond of. Wo anzd tary go geom it


Of gaimuts I have not seen a nixule one cotumily groming on a jlant,
 thom. I got a facromout of seeds of it and think that we might ostablah 1t. In nany aectand of the Bouth Eat, eaf. ax hiluy lamen me possibly


 the Im it is dalleloxs und I was Informed thet theonimese caisct it,

 on itf we couza not find out where at frow plantipuly, tho in asimnt I

 we found rald quitu plonty mil hore and tore in tho viekntr of Limagtang
 tiun we Ixwgt thought.

I Looked out partheularly for tio baxtr-disense on chentrath mad I found that it meeas to be Brreading on the Large chest ut Jantakons at Ya to ko So of gsantu. On trees in Hox hsion. in the garden of the




























 I collented some nuts, which I hope to send off from Lonenowfu.

Along the Wes River, betwem Xehnien and Paiki, I moticed that
 and chill peper plantations tilis is the finnt the that I notice much a disuase hare and I wish fou nould kindy ommuicate this fact to Dr. Frwin F. Suith who is maci intorented in thes.

New Raoki I faspected the yot-luat it to be a very intoresting industar, whici mossibiy could be wade profitable in sone of our Southern States. The Chuese told mo they


 Wational healths (Confucius preached that evergbody should ent a littie ginger once a doy for hia healthis akike; this wiss 4000 years ago already.)

How have loaged at timen I ought not to say, hut we have shared stables with our mules, oxen andother crentures: in old temyan tho idols were our companions and how we spent sowe ngitis I hexdly lenow, for mises of animin and stenches of murroundings kopt one in states of holfroy Eloeping hat wey makirg.

The troubies witib maletbre have been irent too, we heve had to mait sometine several dags before getting animels and sen have coserted us even. We have been passing matruy through the rogions whace the White Wolf robbers have been Landeriag sud bumtars this past ourly somer and pack-animals have been stalon or killed, lodising places buaned out and the whole population tamified.

Wytergreter and the coolie have bud go much thels fuli of this

\section*{}

















 -nicua vailat palm





\[
\text { Aheringt } \geq 14 \text { " }
\]
that they mant to Ieave me in Lanchowf. These Oninese are not maat. Lardy set of nen, to bo ware.

 of mail will await me no darbt me lots of compespondenoe . I cannot make up ny accombs howe for the condtions in the inm are tog ketere to Allow one to contine onclis thonghte to such work. Imagime an overcrowdined jun, with merchunts and coolies ahoutiog and having engry
 Glmost transparent; with peove gamblug with dico sma cand all nif t thm: With others anoking agivi with wewhera aoming in selking till

 and-here you have a piotare of "the bect immin wawn

It will no doubt auryrime yox, when you bear the the flimate is go mild hexes ap to allow the neopla to mave naztrecs in the open




1. will aisc ayy that Potanint geac: mimat prove to ba nothing but
 wherg in Bhensi and s. Rans: We have already wang of ouol, foren and I an rroured to face much o faot.


> . vaco of of , … ac fea ptrat




















 - ? ?
 a : . . . .
 raad a good many Iottom from you.

Very sincenely yours
(e) Prank N. Deyer

 interrent him corthindys
 notloe the etwertg gillay maber threadu.

> Lanchowfe, Kangu, China Deo. 20,1014

Dear Pro Ratrohilat
At Iast 1 heve anwived here in tho provinoinl cant tel of Nanm: ank I feel lite an old-time geving ehis that has comt hato port, looded full with all worts of thinge. But tive buip has weethered sone ghoxins and it is mith tho loms of the main ady thet it is berthed hore
 dewned me cowardy in suk, fox fers of be ng killed by mbotans!

Hy Dutch assiatant, however, has stuck faithrumy to me, wich is a fine thinge for without hin I would not neve know thet to day as he is
 ant uncergtends the various dialectas so mols better then I do.

It gives no pleasure to be sbie to toll you that I lave gottem
 I also found new Ioonlities for both. A. Zotanini oocurs noar the

bes:



46um 2 -monin polf

\section*{zeyz. . . Mrient (a)}

 121a:idsus 214035






















 of Akmoinan, 40 1. to tho Bouth of Lemenomfu, on thas man maed to Tritao. On thit laet place thome are so may buaheg. that whole mountain sides
 and the weods are exton when brhied and a donm oft in extrocted from the kerneds.

Of direct conomic value, however, these two syocies ara nat



 The leaves tre broader, eg\%* in alacr trees. The plamt asamoa a trocm
 ormamental when in bloom, tho this does not lact long this mowering pexiod. I didn't find thas Fotanin's perch in very oold ox ox oned paces and Irom theod obeervotions I conclude that it ape mot stand the cold that its brothor, the lividiana, does. Homever, \(1 t\) neess to bo able to ptand more dy heat then the late, for I foumd It in some nampore

 suack for alnonds atyecialty.
A. Sonsitiea 1 s a variablo s.ocios of bush mimond and tivo Its

 for it meens to twe very lnoty nud drught reststant.





 DN: !


\section*{silatryal sid}

 4.
















 from 4000 ft . S. S. H. to about 10,000 ft. s. B. In these hegher 20etoras, however, it loea not getem ould as ane would sumafue, for the mountalns wheround kepr off the intemse cold.

As a stack for almonds and for ather stonetruta I scarcoly would
 suckers are very hard to morove indeed.
 Loonlutios for there almondes Wis., Rov. O. F. Bnyder, hina and hase-
 ame plece as Kiu dieng of Potentn). I showed tix. Myyder the burhes
 Thbeten temze cnilod Lu bs tite and tho Mm. S. Wos not awrue of these thinge belag grod fos erything but rivowaod, ho now has become much inw Werestod in them and for all I know he night hye degpatohed alreany powe seada to you, for I tade the armagemant with bim on Nov. 27, 1010, and geve hin your addracs and instructions to nond them the frovicem Comeni-fonores at Shengiat.










\section*{e683}


















 It








He, on thoather hand, would be ploasca to mecoive samylen of whtur-
 to thrive in hit acction. I may mey than the altatude of her Taochow ins

 forss. Tho crowing scanont are ghort ma Local. Chinese and thbotans say that the summery are becoming oooles these laot yoerg.
 Woutan peony; 霍hois oceurs in very inaccobsiblo mountain velleys in
 clwcuastances. Re has notive helpers, homever, who can do such a job.

In otae you shoula take wo couregrondence with this Mts. Snycere Dieaso xemind him that he wha me that peenia, moutan minens its geeds in the Ghinese ath moon (about Sept. 15th to oct. 20th)

In regions wett and S. W. of gima, heretofore andxulowed by white many I found groves of hamelnat trees growng from 80 it to 100 ft , in hoight. (Coryme tbetiog) The searon for the mutg wag prasace Iong ago and the few mats I collected are pxobably bar, sined the rodeats carry may all the good ones. I colleoted solonss however, finich I hopo will axive ailve.

In these sane regions we wert thru roved of mantictiont gruces, grovine 150 it-200 ft. in hoight and with truaks \(12-15\) fegt in efroumEarenee. I also found a fon trees of a why pectiar make stomatige

 rocc-baticed wishoes (Dotule boypattheal ap to 100 it . in holght and


\section*{Que:}



















avtila moke







groving well in the shade of Sra, sTuNos, pod and mite birchen and covered wits shom ot olevations srom 8000 til over \(10,000 \mathrm{ft}\). d . s.


 Damboo there and in wueh a convanys
mais grundmariandtida in realit not a mandmome bamboo, for it is rathex lenfless and dies off my the topes tho cames grow from g Eu foet
 they mencin very thin, however, wore or leas in the matree of a reed. The natives, howcres, use thea extensively in the weating of large meta;
 of strong cobless along mhioh forsy bouts Blowing mountain streams.


 among mitich gome 48 lettorr from you Thia will give mo gomething to doy don't you thiniw no, too?

I su in a hole, honcrex, as regnerde a convetent Chineme interorotax!
 nionary to get mong with me. This cesertion of ay interproter at such an hopportune place and thoe has unget all of \(y\) plans for the presmet. And the sconnarel inad promised me in the room of motel in Feiking in tise premence of two thessow that he would mever decers mee And
 and be and his farily wro sacitwered mnd wotoctod by was haricm Layntion
























 an


In Toting during the Bomur troubles ace ids brot or obtained o segrean of Ph. D. at Columbia Grivertity, Mow Yort, and was sumported there malny Wy charitable Ancrican poople and now see how we trosta me for all the good we have done to hum. But - I an grlag to gue him for a Large amount of moncy for haviag frustrated a11 of \(\operatorname{tat}\) lans and mituln a day or so I11 notify the Amomican Mintater about this case. He ane his forily bave Iandea property and pexhapa wo can make them feel that gratitude has to be ermesced in different ways than the avomage Cutnaman coes.
 Couzt you herraos be go Hind and incuine of the Donn of Columbia Thitsusity what kime of a reconct his brother had. This brother is dead EIready he oouldnt wtand the urimitro 21 fe eny longex in ints native Iand and axcombed soon after he retamod from Anerica.

Fiad I givon 40 my Hians in Stla and had I not gone Conth bo find thtom Tongutian almonds and Dotantnis poaches, he wight bo still with me, but as ith was, I hac to enter into Thbeton tersitox. num he huring been told all goxtm of horrible storfos about the Thbetans, he fave me notion in Sink that he reshgned there and then of course, in could not aceept that resignation, but he influenced tho local official and othes peore and there were some very ancry geonos mod the magistrate at mat ajlomed him to oscepe willo I was in the mountaing. I found but a poor substitute foz him in siku, a common servmt of no yonen mo know the locnlity mite Wely, kut this man was so addicted to optum, which is still frcely mold all over Siffo Karmu, and wes mo lamy and arshonest thet we had to dischatge him agrin when we Ieft Buts for goody and evor almoe wo have been Without any Onineste anolstunt matcoeves. Fe have to csok our om Rood, Wash our own clotheng maxe our owh xhros and what not else. Truyy













\section*{}




 1











 Hotases are badiy Built, conitulons at lange aro primitive to the ortrente and is white man roaky mondeng why poovle ame willing to extat onivy while it would be so ons to Itre and to live weil indeat,


 slxeady, then Iast but not least, Lix. Pamers, an alohe nmatour and his


 bomething about these wila pexches and alamde In andmor is his memont dian of spot. 22, 1014.
 Fancosile,
Veny sinoerely yours,
(b) Trant in Hoyan

\title{
 China
}
\[
\text { Dec. } 16,1124
\]

Denc itro Fatmoltad
 JuIy, Augast nud Sertember 1s14. I as mola beisind the with than, I adaity but conettions on the rand heve been guo es to rake it impassible fon re to send them off warlier.














 stituof aluna is plan ment slowe las







\[
5 n+, 1=-41 n
\]

\author{
La chomfus Kansur, Cilum Dec. 27, 2014.
}

Flense find emelowed hore th y itinerary we ort for the functor July, hugust and Septewher 1814. It is as wheh behind tine as my acoounta, Which I sent you yesterday and the sane excases aply, to it too.

As you will noe, the wreatast work of the past trin hoa bean the taking eare of eollected herbariun specinons, in Pact they omen hove held me up for many an hour or evon half a dag. It mas a novescary wort hovever and tiererone me have to accopt it.

Another very troubicsome fob has boen the obtaining of nack-mules sind, arter once huving gotton then, the havding of their drivors. Sg Intarreter wes too soft and too inex ertonced for this futher rough Work and we have had nore delayg, than should hove been nocebsery.

The inns, the fook and tice accomolntions in gencral have been wery poar indoed in tie main, but te pararfily we are ovor this now, altho mith the steady decitne of standards in the interior of Oliw, future travellers my oven find it worec.

Ne3., trusting this seort is of some velue to you, I renain, Very aincerely yours.
(d) Pronk in. Mager

\section*{sees}
\(\therefore\) mand sment qumorion...
\[
\cdot 2 \hat{K} \hat{A}, \hat{X} \cdot v \hat{X}
\]



















\title{
Tanoiowfu, Tansu, Ghina \\ Dec. 24.202.
}

Dear Mtr. Fairchizes
These lase days I have beck somilng through the local Oninose
 the Anerican Consuldte-cenoral, Shangoais and I heve askod illo. Thoms Samons, our Conoul-General, to kindly farward theme pareste to the U. S. Degartiont of Agriculture at Whanineton, \(D, 0\), and to arrange, is possible, to have then put Into a special powch and to heve this put in the cook-room of the Trans-ractic stomer that carrien the mail. We will seo if ilp. Samons con artange a thing like that.

I smala sonaing ail of thome parcels by Fogistered Letter Past, For, gane materious reason or mothor, the paroels-pont morvice between here and the const is ternorary and, powhers wurposely. disorgmisod. It taker nomely a parcel from 2, 5, 4, or 3 nouths to trovol the pawe distrece thnt is done by a lettor in 15-16 days. We are sivised here
 letter post. of courac, the dirferences in recol t for the salas of stanps mut be conesderabie. Some of the aissionaries have who had parcels with printed matter sent uy to there Fron Shanghat in June and July have as gret not received moh packages and some filns that I oreared in Pekings from Chtehchon in the carly patet of Octay heve not oone yet and I an getting shorit of films.

Mell, to reum to thote reelst there are as I sead gl of them and they are mavored from \(3-2 \mathrm{ll}\), incl., the misterial inaice, however,
 2 separate parcels, wile Nos, 1248 and 1251 are gut ur into one buncle.

\[
2 \operatorname{HrO}_{8}+8.50
\]


























Plesae find eneloned a makage of Inventary Hoter coverimg these numbors.


 but it in men wowien than the comon sianil tangerine. I mupose It may turive in those pertia of tho S. E. and S. W. States where Shuatrun Lucigas anc Dhasacuas ercelae are haray. I also bave nome geers of 1 t moto I with sionthy send.

Now. 1222 and 2242 are Arrodilus Engition, Whilo No, 1225 is
 and periaps it will not be wort while to graft these acions. As yout



 davidiams.
 \(124 A^{\text {C.pet }}\),
 Dy Fraval ghti and potmits, was somemiat like the we.


 tree, but I an afrald thita bree is very rave in the Unuthed States, The next best thing nill be to woot-gratt it Into pome strongzy eroalng ap.
 Whe to form itp own rootis later un.


\title{
.r7sider
}

























 not give mach acivice an to how to propagate this, but I sagegest root-



No 2256 is a romarituble ramiety inteed of a kati: I hope the photos I took of sone grecinons of ? Putus will tumat out to be all right
 hope they will be roceived in good suage. This will urobebly prove to be
 mongy out of it. If the plant goon well, wit ricke, at Weatbury, wo Ins 3ay get samo spocimens of it. Axe you akeme whethor it has bees intro-

 at the y yonhe.

Wo. 125i, a ver griny goosmberxy night be twion athuraitu, and


 curtous \(=\) of cives.

 grven to Prof. Sargont.

Of the other mubers I havent got to amy motig onty I am afteid oux


\section*{}








 s.3 4 , 1 ,







 1 |

 A. Gusal , IGns of aovia


\(1226,1243,2245\) end possibly 1246.
Wel3, frumting all these afowmontoned thinge Fins woen you in good oondtuion, I wonain,

Verve shmorely yous\%,
(a) mank Mayer

Lanchowiu, Kan敕, Chtma
Jan. 1., 1915.

 Ootober - Dea. 31, 1924: alao 3 mabvouchers belonatne to thens
 accome of the demertion of my Ghese Latomproter and tio coolio in
 f. had waid in adFance hat I compelled them to weturn owne oont bo me and thry efd not rocolve eny muges far hat art of Octobn they still Hud sone wanty for I had ongegod thare by the montis and the matioturte of Biku uphola ny view la thas owee Xour vill aino see that I have hac to per ruite somo money for ins pack-mulas and even for tatune deys.


 Chindese ascistant wth one.

Hexe in Lanchown the postege hills are qut the high mish in exm platned by I huving to send yareels as registored lotterg to insure a quick and safe tanait.

\title{




}


















We11, thin 1s about sh1. Tmotine thene accounta w113 reach you


Tery sincercly youm,
(g) 3radit M. Heyer

Lanchowfu, Emasty Gniats Jan. 2, 1015.

\section*{Doex Wr. Fatrohila}
 15 yaxcels with seed: numbered from \({ }^{2} 2-16\) incl. and all adaresped to the Anarican Consulate-Generul, Shanghat. I have alwo mithten kr.
 earilogt opoortuatty and enclosed 15 opezelal shicptng tage to him.
 severul pelatges herbaritunaterials.

Dease find enclosed a net of Imwontory notes covering these mum



 A Protanmi and A. Sangutica coet \$100..00 cuda; of cuurne thome aro aiso
 past six monthas.

 I would not ilke to see 111 of thene seeces pat fnto the hands of gme paxty. Then ame whotos nutht be takon of gone of the differont tupg;

4


\(3 \operatorname{sen}+11 \operatorname{Ean}(6)\)

\(-4.2 .3\)






















I also took some, but since wy filime ave on tre way wo devoloped, I do not know as yot how thoy will than out.




Atter the good setur of these spectes of Anysiaina heve beer



It bas boen a problom bo get that many seecia of A. tumgthoa and A, potaninht The geeds Jaynh momeath the buche proved ail to be
 and other wocents. To obtain now good socds I st itmet offared I peat for onch good beed and Latar on whon they bogar to come in, we Iorered
 sen have been ntit. One boy was momarkoble good ot ity that mas in
 tine he brought us a madnal of excoliont setza. To hace bating tith
 cast awdy thase thet sumk were being paid fore htor this hed mone Well for some time no more secis come in and then we fonnd out bome bad local peonle began to buy meed. from the littule boys at vext mank prices, hoping to wale much roft on then in selling them to uis. We didnt 1 ike these dositnce and the maxket was unget for goad. The



Well and now as to the seeas. -

\section*{\(0 \cdot 8\)}



























 land she the maney to bring thern to 2zult. I mould hady maceet to buwden ay of ouw st thone with than*
 Wery intementtuge therg sight be cuvided owcy mung geations snd privete gratuns.

 2arge and I as anxious to know whethem it will beet a darrigitna sa a wtock for all gorta of stonsmandte.
 doubt gucgestione for it. By the way. it may be thet our Mevertment is


 there, than It looks mhem seen in 1 to own aluntw For the wild Epri-




 Prof. Sergent and posminly others.

 tered mectiont of the U.
























at the Arnole Arboretam and he ought to get some fruits of this mumer.
\(2155 a\) in mn Antorenting specios of Mclus Por Mortinem regionas perhaps Prof. Sargent can toll us the namo. 21.89a, a Sorbos', initht do well in forthand, ore., far instence or near the Great Lakes.
of Ribeb, Ho, \(2160 a\), I made aiready mugestion under 170.224.
 stations out Weat, Inke Nebrasica, Utah, Gaioreado, ste.

2162a, Diosgyros lotus, of this I would like to see a few dozens
 We may obtain s new goit of persimon out of this species.

Of Sohisandxa chinanais, Mo. 2163a, some nicht be tried et Karsow, they love shady places.
 ought to have some seeds of 2785as he ruay bo able to detemino it.

Por moonmia almoldes, No, 2166a, I have no ovecisl advice to glve;


Hibincur maninot ias, of caurse, sin old acquaintance already, Wo.
 from Poking.

Mr, Worton will prob. oxperiment with Ko. 2100a, Aevars gus ar., but it ought alas to be tested as an omanontal garden peremial for the dryer seotion of the U. S. 10. 2270a, Undeternined, comed be wied at Tarrow:

Now 2171a, Datonelis a. might thxive at Som Antonio and other warm and dry partw.










 - Begait Dasia suof yulta





 -2abiot ack



\[
\cdot \overline{6}
\]


Flovgonum siono, R172a, is a valuable trailing vine: I sxppose Yarom could mise it exsily.

Cantanea s . Now, 2173 a and 2174 a ziknt be tested at Brookovizle and other inild-wintered noctions aloag the kulf Const.

Wo. 2175 is Lescutum ohineasis, a very omemential ghade tree for
 Nos. 2a7ea and 2177a, two spectom of Cuercua, inight sueceed at Yarrow, I resume.

And Citmus n. No, 2178 is the lust of the loty the same gacgebtLons baply to tt as I gave under Wo. 122\%.

There is herbariua material of Ayydeine porsice, of which good seeds ment unaer No, 2 zise.

Also of A. peraica x A. potanina. Good sced aent under ho. El44n. Glso of A. potanini: good needs sent under 30. 2145a.


Also of A. tangution, collected at Aranshan, \(4011^{1} \mathrm{~B}\) South of
Lanchowir, Kansu, Doe. 6, 1214, cler. c. B. 6510 ft. a. s.; also of Cor: lus tibetice. Setom gent under No. 1251 : also of Undetexnined (Corgetanem Kansue sib) soions mont inder M. 1238, (FLense conmalt Prof. Sargent re these last two packager.)

Also of Castanes a. (not ©. Hiollissina) coli. near Tate whensi, China, Selit. 1, 1014.

Also of Cantanea nollissima, from oultivatod trees, ballected at Ta the Ko, Shensi. Ghtua, Sopto 2, 1914. Also of Papaver comiferum,

(.... : : ...

\section*{}






















\[
\text { NEI of }+2,26 \text { any }
\]




I wiah some heroarium matorial of thene apecies of Angualue would be sent to Prof. Sargent.

And this closes the sugeestions I hed to make re the difmosal of thene seadm.

In comection with these wild eaches I wish to ptate tian on Dac. 18, 1914, I received the following telegramt Mronk In. Meyer ; Lanchown, Repeatod Telecrean cuate very inpartant that abundent her-
 thty guestioned yemiod secure roof Blamu peaci really grows wild. sigued Fairchild; Reinsch,

Weil, there is only one wort in this telersum that I camot place and that is the wore periods havever in dose not mather molh a farrentif. I wamise also thent in find of the will poch is conslaered to be important, but who is it that cuestiona the inontity of them? That ano of the Sianth paches were raised frou wild ceeds in granens is cort in,
 bushea in the mountsing and fron The wh on to Kagoba at the Tibotan frontier there hardly sassed a day by that wo dud not nee them. The mole Toing Ing Range hus then and I suppose they may go rifeht thru
 just Ilke the Choorman peraimon, tho Malnut nod Buseus sempervirens. Dr. Henry stetes on : 43 Motes on HomomLic Botary of Ohina, that wild
 In bretschnciders k, of Nurope Bot. Disc. in Chind, you will find on P. 352 , 5 d Iine from rbove, that Fabler Devid fumi will erchas in tho Toling Long shan. Capt. W. Gill in the bano book apeaks of wild yoccher


\section*{8006}

\section*{
}





. IL

> . Daztat , atalonlet Bropid

\section*{}



















 Province of Perain.

We1. I have collected horbrrink matomial and I hone to gend oze 5ome of 15 from Perkne.

I also can any this, that the pesch moloubtody cocmurs wild over a
 probabiy have been derived from these wild whes. We never, houevex,
 vexy pronouncedly so. The Ohinege also relligiougly conthing tio wild petch a wild shrub and cho ti dom for flaremoods theg niso octl 16
 xy with culturated gtreine.
 Constabute a sanewht arferent tye mon tho onos horo in crins, for it



 the glin in very hard to rewove and 1 m mot thand 90 downy trat one has to mbl Lt of before ono cam bite in itw

I think I ought to travel some day from Abic Minow thru Pomsiag
 Uper Sumas into Junnon and sacomun and I think I monid find wi2d peachea for the mreater part of the way.




F-atines
 2. ...















\[
\therefore 1 \text { mileld }
\]



 It and thent the paroois mantioned in twe heghmens mill pooch you antoly. Vorgy 总ncerely yourty


Sanclowty, Rantiv, Gutua
ปิะ, 3,1915

Since I am here I hsve cone into the poscogmionmhip of 8 Lettora

 it is fust what I ment, not butky and mate handy *

I also got the invitation to the Mhcha dimem you sent me: pes, if ifstances wome fallus, I might have ems,oed in mot th the fire of oourge,
 one must now the peonle xeally to get them all mat.

 of Jume 20. It nuty oame get, howevor; for I have apparently nat received all of the mail that was sent up to me.

 of the moze butiky mall hath not beon formarded to me.

I have peruged your interecting infomation re a posctble tumnsfer


200

1. \(\because \%\). \(\because\)



















Ganot a ma deckno once and forever fow being ghoson for a job that he doos not cuite want itr. Folrchild, is mach more in his nicho in being in chargo of our cetice than ever be'ng nomatumt-fecretary. But what has becone of Ins. Dalloways I hoar nothing adid about him, did he restign

Other items in your Lottare I do not need to orme buck enp the more so nince I have alrendy mo much to mothe and to discuss. I 2 now returnlug to Peking and we wil2 sace what we gatake of thing thove. If I only find a good and frithnil interyrotar wio i. williag to roally assist ux, then thing wont be wo bed.


 currenaiss, sto. Some conturlos to come it \(\frac{\text { sill }}{}\) be different and peorle then mal know how horribly senplious were!

Vory atnceraly youra,
(a) Brank 路 Meyer
\[
\begin{gathered}
\text { Banchomfu, Rangl, Ghina } \\
\text { Jan. \%, } 215
\end{gathered}
\]

Dear liap. Pairchilas
Now that I have sent afr the Accounts the Itinerary ha orets and the letter ro the 25 parcole with geeds, I foel pomemint moro at ease again ana I will try to writo gour ry glans. Well. I have thought ower it long end serionaly, but it is of no ase for me to go mita manainant





\section*{Eytas}











army nionaenia veV
\(=\pi-2 \sin \sin (\pi)\)






only frow here fom inbe sweman and ex lore that weot tersitwry there. I have zever beon thome and do not know locma bandulione and mether gwelf mor litr. de Lear tasw onoughe of tha langaige or customs to make us believe we could maze a succesp out of dren dicticult problems as tre

 or to Taignania and then to Pebing. I camot get a putbrbie man hore at all, mot even an intelligent sexvant, and me mill retura by ourselves. I will try to get wid interveter agsin in Poking, lix. Ting, wio homs mais about my wow, but ghoutd he not be availeble. I probably will go Aoma to Shanghai and fankine and coxtainiy wil1 get momebody there, If

 ofl businesn, Bambo-olitume and genaral Fruitmoutivations.

I an going to pack us now nill bugcage arn on Jan, 5. I how to etart. Wa heve ordored our cart alresdy. Weli, I am in rocelyt of many Letters from gou but I an arraid I cannot snewer thom all from bowe. Fox the present It 11 only arnounce them. So bexe they ares May 26 ; Juze 2; June 5; June 6; June 16; Jone 17, July 7, July 185 July 24 ,

 Sopt. 23; Sept. 29; Sept. 20, Oct. 51 Oct. 5; Oct. \(25 ;\) Oct. 22; Oct. 23; Oot. 30; Nov. 3; Hov, 6 , and Mov. 2; also a marrant for 44000 ; 01,50
 15, 16 and 17, also Buluctin of the Importei tastitute wita exticle on woodnut-oil by E. H. Wilgon.

























 one muburrod frou 1221-1251 inct; thoother from 2138a-2178a inct. I have pit on the envalone of ting letter Wha streniA; I wonder whether


I rematin, with rimocet regarans,
Ver ainceraly zours,
(a) Mrank if. Wersex

LanchowM, Kanso, China
Itan \(5_{3} 1015\)

Sir Ietterg Irom you havo reached we hore, datow Res. April 2 ,


I have faken noto ot the fact that our Agent in Seatio was Dr. Weng Hadsen on Ar11 20, 1314.

The gtonozt Jou mote cbout unver date of July 3 has not whom up
 newslettes of oux affice has been discontimed. Fhat denrives ue fellows in the ficld of mate cano infortat on which we ptherwise never
 anc whbotituto fox it news of mogregs of work at our marlous gtations and st the office?
 1015. I gee it is \(\$ 0000,00\) aike uonaly I had oxpectad gome more, in




 \(\because \quad \because \quad \therefore \quad \because \quad \therefore \quad \therefore\)

 .


121.235


\section*{s:forrel ind xus3}















 way again from Peking to hare, I cannot cash at here, of course, and ars Itving for ail of thene monthr on wy own money.

I see from zour letter of Aug. 7, 1914, that int. if. H. Hicke has been relieved of his post as a H . S. Deppatch Agont at Sun Francinco Caili. s, ond that ke. F. Keskow has been installod instead. He, this is Lota of worm for us travallers to keo. these things in rind all of the time. Comot we sindy addreas our shipments in care of the U. S. Dexputch agcats at Farious ports, withoat wring to pewober their manes wh ofith inftiale?

Tour letter of oct. 28, 1014, contains as enclomuen a letter from the Aaritor fix the State and ptinse Dopertancots re a saposed unsathor-
 have made some nuggestion to ae how to do in this onee. llawever, this nct having been mole, lase convey the ralowing exouses to the halitors When in Peking in June, 1214, I was without an intervreter and I found it absolutely inposcible to abtain one by the owinary wass of Inquiring verbelly and by letters for one. An such I had to twy to get
 fore not having tine to obtain a witton permassion fromy Chief in Whalington, D. C., I was con elled to place an advertisenout in a locel Pokiac maper without anch a written authority.

In cape I mould not kave done so it would heve eabarrassed my work sericualy and I themfore rebsectilly muggest that this exponditure of one Xuan dollay for this advertisemont mas, ander the given circuastancenz a lawtul one.










\section*{Takotamel itim}
















Bhonld, however, the fiuthowitios, in chareo conalder this ory erm. filuxe as not warrantod, then I an willing in the interonti of a syeady


Whad gou kindiy intora lin. Bisset that I recelvel his interentiog Letter of June II, 3814, and that I thank him for it. I wonter if the
 In in charge of it? If much a gaxten honld have been atarted it will


We have not bean corregyonating mat of late but gueh thiteg oumet

 obtainiug pack mulos and euttmble yoome as I have had here, fly, it is


Well, six montha from no I my be in wiahingtom again nad we wila Gee how thinga move fhore.

性斿 kindoet regerads, I an,
Hown aincercly.
(a) Tramk M, Heyer

> Lanohown, Kansu, Gaina Jan, 5,1815

Dear ist. Fairchlas:
Heremith alease end onconod ity ityowary we ort for tho nast
 It thru. Kou whil motime that I have prent mach blwe on diylag the herbarium matorialy the gotting of valk-mules has also eaton many a

\title{

}











 \(\qquad\)







 to hove boen st wearteomo ass it has been.

Then I bave bax tida serious ones of being denemtod by my mon.

 dayd thare in siku and I hato to thinik of tt mgaino

I have put in a clain rox 5000 Tams datages math then deberwed
 wo can get out of this. Even if no moner comes fomwark, it will toech hin a 2eswon, how to bahsva a next tinc.

 scondals, s had to disohnrge hiv, whom we oree got our packmiles in ourt bencis.
 Lure onterod uy rervice on Dec. 26. I had ongeged him for 45 dolu. 2. month to oommonce with and, when ho ahonld prove ta be gemafactory: I


 Bat. Dec. 19 and warld need a weol to settio his bustnese here, alno ho


 thet tho roncy was not enotgky thet he wrnted an ow horex, fan om serWent, eto, he told meveral \(I\) Hed bogiones snd, of oorrse, I diant want Win on his conditans: I have fince heard hid cinmoctax is not whont




























 to pevern trath llews whon they once vere in lxis hancis.

As much I hawe now noctded to Teburn io Pelug, ftore some of my
 on the Iang tige.

 buytng Buppises, cooktnge oleaning and hoating ouw rooms, otco Ant gonithtious ary an pronitswe how in Lan aran as to bo almont wbenmble: lut moter is not foy sall, theme are no decemt entughousas: hoating




 Heveraz times, we whte cannot nad we mily mot pot acoustomed to greh Mincrabie (weys of living!
 ano inore leftara ta jou.

Vexy dinourely yoursy
(a) Front in Heyor






















\[
\text { Forduc, Gume, Pob. 30, } 1015 .
\]






 over.

Mowse find enolosed a vet of inyontory notes, describing
 cranmos we thase shimmonts:



 Tems.

 76. D072 Wherve s saw it over a yoar mo.






\section*{ARS}






 , พืะ:

\section*{}
 Itfarplar ment mith kiens

















 Woth vacolobins and Clowors aldich sould bo plintod in the Lacation grounde
 happy if you coule kinaly geud ur. Onmen a smin sumity ef some sood thinge thet mome mind a bit of drouth at timos, 13 ke we experionce here so oftem.

Strange to sow, 1 have boen row in Pekinc Yor is weoks and it somb ac is it is only a Bey. Both my assistant ma I have bom foan fally thred tha first tho wolla, the dhoum from a rown hifo to a dife of sedentary hMits, whino fis of phitsorw oalisnd on one was too maldens and then all thas hormble tare save! no molt of it tas men to ur that I



 pen.

We11, these exciting thinge aze now pagaing away somanat, ak-






\section*{4 m}








\section*{}




















 - And sa 11 fo goes!
 \$ book then I heve to nhity orf collectoed soods thon all the colloctor

 obtanned mbat Voarmut all problomts Bumbo cultury, otc. etc.
 \$1122 smmowhere in Macriea.











Tatry simorrely yours.
\[
\text { rum } \pm . \operatorname{man}
\]
c/o Anortcon Eoctithns Pokine, Ghita.

\section*{}




\author{

}





















\footnotetext{

}

Dear Mr* *









Herewish please find onalosed my peraonl carcli for 6.00 what you paid jerwonal iy, 16 bothg the premive on my bond. Many thontra:


 vas e "slip or the pons on my marb.



 Vaxy sincostoly yrutrix

c/o Anowioas logation, telithe thina.



















\[
x+3 .:=1
\]

Fining Chine Horche 6, 1915






 Wogratch Agont, Son Trancisoo, Gul.

Hekne find anclosed Tavontory Totes overnue yart of theme


As romerds the seeds a wish to mate tho Roliowiac remrtas: Mo.



 thon the atrains we luve nov in culetivation in Amoxica.


 time was theme and as it had contracted with him. Now they wre dearer then iz the season and I huve to pay 2150.00 (Mes.) for these 500 ant 40s. I also was infomad thet sovert othes purtios are buytuc wh those











.ast -cant ,ne , vient 16














forol ©

Could it bo in monsoction with but would mas?
N0. 2183. Dixmexos lothrs (70 pounts in a sack) a 1 so an old acquinntmee of ue. I muceint to olatribute then anyecialzy over suft-
 pluntod for seed-bparine murnoses ean to heve mienty of stock on hand Thon luter on the persimunnclrying intuatry is rounc to bo eatublished.

Would you Hindly advise 13. Masiow wist vo so with thene five cates of ceeds when thoy armive!!

In blue parcola mantionad before thero wo qume lrathologiog







 Inflict much more serious monnde thom on tho ilsat montioned tree. I alao motiond thes if attxelen lonulus aba bonmtoss out omp rarely and tho wounde nat very sompous. M1hows and elms (1ymus muxis) vere
 Horod to those on Fontlus sfmond.


 thom by the mext proth.










 H2H.











\footnotetext{

}

 \(\because \because 2\)

Trustin that ali these thinge whi rouch you safely. I remin Very ancorely youra,

Finme 3 , UTY
C/0 Anerican Legation, Bellucy, Ohina.

Polinc, Chine, Mar. 15. 1915.

Dear Mr. Rairchla;
These last days in have deifvered 60 our hemation here, for transuission via Riplomatie Pouch, 1 packece with Povos one purel with
 17, 13 and 15. The fotos bear the mambera 386 . 3200 and \(23101-13356\), incl.; altogether 104 pieces, size 5 gly inches.
 enclosed a set of inventory notes covering these mantiors. The nothnical specimons are mealiy Patholocival smples, but Cop spanamseion blura mals the firet temn is preferable.

Anon: these \(5 x\) fotes gou'11 lint a sew vory interosting ones, ILke those of wila penches and wid almonats may jujubes, toe, are strikinge esp. that of the "The le tanos " 13129. And what do rou think =bout
 picturee of the bumboe cobie, Now. 1317-15174, iacl. beime one to faraway
 my be broupht to the attention of 1 n . Trmin F. Sidith and other bneteriolocicel pathologists,

Anons the weods you'li fan bull-less bring, huskess oats, mize, broadbeans, soybeans, peas and Tablinggs, liso a mill bus of
















 - etstrolodtioc tuszof


1atgeta. chinensis seads. \(70.296 a, ~ A 11\) these thage will go. no doubt to virioun suecieliste interested in them. The Nasimge, Mas.
 vay stmilghtamy an idea how they Look.



Cedter of Contagnas 59. (1 pracicace)
peculiax gath on Oerasua sy. (1 plyg.)
Cownegall on topulus shoult (1 package)

Dathologista intorested in them wre welcone to thin moteriny.

 to materials recently sent. Could this buxt fongus on Povius cironit be this same chostrut burk aisease, Mndotha Dariatilea?

Tmobing yould recelve everything in good sondition, I rematn Wary ainceraly yourgs
 c/o Amarloan Legabion, Pokine Cuinn.
\[
\text { Peldug, China, Mareh 22, } 1915 .
\]

Dear Mr. Bax rohl2a:
On Haroh 5th. 1915, I celwored to the of xice of the Ontna Forwarains and lixurete company in this city, 5 cases with scods, all ad-





























retain the thimi one. I alao have umitton Mr. Hanken that you will direct him as to how to at spose of thege 5 coseg mith saeds.

 to the contonts nre not ready but mithin a couple of dars I hope to have Ink ahed tham.

Monse find encloaed some amplicate inventary notet. mum-
 yeedy nom tiane ago.

Before thin weelr han oxpixed I hope to ive in the xocion af the whtte barked porvimums. I cmunt finish fum thom all of the fotos ond herburium specimens; some other dyy Ith have to do whin.


\section*{I. Pemadia}
Wer sincerely youmb

Fatme 3. MTMM
c/o smarion rogation, Peldurs onimas

Poldin: Cazna, Heral 23, 1915
Dens Mr. Matrchild
In \#y letter of yesterdny I promised to menc hese Invomtory


 anc 125n.










¢... \(\because \ldots \ldots\)



 athan 1

\section*{aryme Fromeals pall}

EIT . T T

: \(1:+2 x+15 \times+3+1\)




 mens, cand \(x\) horent th vill doseribe tixen rountis.

 be given to varions apecialista.


 Twet heier, Shanat. Gina, Sopt. 20, 1914. - - for a gyectalist.

2 bige of extad jujubemmuits, gamples 1300 and 121b, Some Of theme to bo tasted and dictrimbed to growerms white a quantity of aach may bo put into botthes for our comlection.
mo sample of gollumis. To, 102b, tas soms extwa sood suecimons smony the 10t. They may bo aistrituted to speoialists and some tert foz oux oma collection.

Anonk tho botatices empatmons, there ame



Of all those oones I wish reof. Sargent wonld be anmiliod with a guantity of anoly kind.




1 pacham with cones of Ouprosmus funobzis: nees Onukun, Romsu, Oct. 18.1914.

\section*{E}






 *Wh elko squ1114

 20. सदी






 , and tons 3e tathaty a









 Fraxi., Filnn. Iept. 1. 1914.
 Thing, Sett. 25, 1914.
 Oet.7. 1914.
 Oet. 1, 2914.

 Ghina, 3ext. 3. 1934.



ULanfu, Shenst, China, /ity. 22, 2914.
These gemplea my all go into the botation collections of our 00 uartmant.



Them Bown tephes mar he bumpl ares to the ortive of
Fomge Truy Tavontigethoms.
 Jan. 2c, 1913
















 \(\qquad\)














These thros packegas I monk Ihla to soe betne turned over to




 the thit theomian Imatitutige.

\section*{}



422 these preliages nithot he hunded ovar bo tho murem of mononology.
 2503n to 2996. I reelise of weurse that out of meh e Iurge lot severel wis exat, and I atso thow that several onght to be tested in botantens gerdens sthex thon in our Bield stations, The wery greater mority al those seole will thatwe bettare in a day climote than in humb, wem Togionk
 hove it looks in ina survontings.

Ho. 2006a, Berberis daphana ? mali harive well in the is. W. Sun antomio ought to try it for instance.


 daze



\(\qquad\)













 Gen be cmioyou litce vinogra and lembn furue.





 belligous beeppecers in Bs. Qaitomals. In Golornds, Thath, Toass, abe.
 maker its home. To be pimmted in as larno 2 wnenction somenhero in the
 con tocen pornliar avolisncs.
73. SMAn. Sornuia furets. Whis treo wiso may bo oxperimented

 ction.

 but not dil planes should be wisked. Pobe 13163 shows this tree.

































 Abalilom vilcennge, wheh lam-violet abums,
 remedy for ind anoy trunblea?
 Where is m Hyphe pociatiats in houldes, Colorach, who mowes with
 thine wll bo moun: they rogure e special climme to muccoed to

 Enented with extwonco Thoy my mocoed menf Mondan ewon.
 Caxien, 1 muxime.

The Chrys athemams, Toa. 2s77as Foa mod 79a may bo wreatad
 oult plank to fince.


 Inatonce, fos lobomunt tion manoses.






 3ew what shey 2004e 1210.0.







 -4 deallozentir


 \(\qquad\)








 \(2 \pi\)






dmon: thase seens thexe are aise two pocmages of soads lett over from Eomas animonts, 70 . 2200 and 2120 a

 Tex sincervely youra,
matri


Parine, Thina, Itarah 30, 2925
Dear Mo * Waswhila:


 1914 and womt to various maces th Ghtna botore it roamhed me today.

 of dolan (if movessary)
Tery skeeroty yours.

FRATE E. Erat
e/o Auaricm Losution, Peltras, Cutna


\section*{}

\section*{}


\section*{aryin viration sary}

\section*{Ena ol mint}

\section*{}







 (Vrugocee 111 vifil to

\(\square\)

Boas flis. Wustraila:
his I wroto you in s pumboma 2 etboy o fom arys mgo, the tre Livinc here in Chim funt naw in a steto of muponston mad anclety.
 oninion axpecta thma to rolume thom on blocs ind to frant the mojorw
 ever, Ghina grant all the donmens, thon a povaluthon it betne expected. A3 sorta of rumors are caround the toman

This moxatn 1 collec, on oum Mandater hore and on ation mombers



 yrobsoly be mottrad, efchos foy betwat on fas moxme.

 escot. Vg amm nomves are not whut they ourtht to be and I have not beon able to mloop ros 4 mi hats now.

4'11 soon gend you my acoombtm man the Itimerary feyort; these
 a neactasity of conrme.

Tam sincerely yours,



そ.


\section*{althomin dernac
}















 - wort effitiat the goole at sick



 ation Jione in gry


Weaty Mr. Wer weht 2a:
Measerinal ancloned my noctuate foz the past quanter, sma
 them.

As you will antice. the tobat mount expemhed is (941.54 Tum
 of axclucnge, omly c. B. 390. 7. . . Goll mollass.

It some to mo that avar ajucos the warm mas flaclared the ex-






 Hhen be 2 tagother 4750.00.



 (a) 11ars.


 will woach you in cood condition, in zomain Very sinouroly yours.
 ofo Anerican Gonsulate teneral. Din ughet

\section*{}

\section*{+ . : :}

- \(512 .\).


























. H and



 54.30... 2man

Peitine, Gatna. Gomil \({ }^{3}\), 2915.
Doas Mis. Tmotivila:
 the porkod of Jant Beb. and llarch. 2925.

Xou wat be able to see in it gome wough twavel ara haci-



On the mble I comat be guitu combented with the resultion of these three monllus. The retum Erom tomehomtu bo pelang brount in but
 331des, and then, morst of a1, mo chanose antermpator with me.


 as I mua dixected him to 10, but insteat has beon ustas the 200.00
 for his own yorennal emponeng. thats hus prevented ua from gothing a Lange quatitig of thentrut mad metons ar zinats of somp jujubos.




 Writtng.



\section*{}

\section*{r}

5





















 :


Nein, this is thout all. One has to thlte life as it comes, and after th2,-14 could be worse! I rematn

Very sincorely yours,

\section*{num I. mins}

\[
\text { Porinc Chins, hpret 5, } 1925 .
\]





 however, they wlil davo be derpmtched.

Rt the mombit is politically cutot hare, that is for no for as we mow, but as no no spypers have amwared since Frid. Agr. 2a, mak as the meat panser will comb out Thoed, Aos. Eth, this all on twacunt of the Kaster holidats, me reatly lmov mothing just now.

Se hye hod a fem warm dave last wolk and as a result the
 but nor anythene trealy surnosing unfortunctely today s cold that Stara from the Horth is blowing and I fhitut that thowe lwaty children of Spring will pay the ponalty of life for their early am arenco.
 and let whopo that political conitions soon mog ineprove here.
2 memein
Wery dincerely yours,


- avoict titneis por






















 fraty who mole ent

Wellum thena, trat. 10, 1915.
淕. David Max movid
Washinctom, Me, U3A.
Dow Mr. Waimehina:







 curtosity; where dia the Thinose over Loam mok things? 120000- mor2a






































 man 12193. they vill look very intereating on the geteen. Amont the inm
 inlustroting our purdy crositng the Falkow miver.
 1ike to sue Frof. Samsat obtain tmolicetes of much pietumes at priain 60 tomarolom at largo.

This Letter and these fotos meg not rembly you until in eazly

 yo2titon aly 14 cloarime up againand mabe that ofter a tem drys 112




Tere sinacrely yours. TBLT T. Nmas


\title{

 \(3:-2 \cdot 1+3\)


 is
}

\section*{}



\(\qquad\)
, epar is pacrume on











 H.TM , I Burn
 .11 murn \(\qquad\)




Sear Mr. Faimelnza:
Horromith M11. thy to mnsmey tho maxe Amportant itoms in



 hai, womt thin mastion cond I rocotvod two lottorn from him duted reap.

 bug and this was beon Joxt tne the coot room of the S. S, Manchuria. Mhis
 How In whit comultenen it was wham oponing.

 imposef bilitg. I huv myokem with various poople howe of the hegation



 to meo that the moterini man betne macon octe of provertg.

 112 rimb

Tethaz of tume 3, 1914, wth comy enclosed of Mr. Baerles 20tter of liay 10,1914 wo tr. Petcr Maset, re plant material zem cestred firom mo. I 3ee from thene lists hat setoms of pours and of























\[
\text { 28: Is } 12
\]



 It hamponet in the gones gone by.






 is a poor virioty \(40 \%\) rent sucs yroluatton.


 1 cora bacit.


 another process at tho one I mote domm in my Mulketin. Jujubes and
 1n Temas?

 hamerb when a cona should bo wammily homvy shat thick. Ant the price of


Thante yon for the climint of the Twvantary of sonds and Hants

























\section*{}




As meramds patothty mondes on bools, I way ney that the Chinese often wina cord faround those partit bo whioh thoy met thear
 Selinore has somb youn.

Lattor of Jume 17, 1924, whth enclosures of copies or totbere

 Sorotur in. cont in considomablo foof w. 1ue fow domostic antmis. \% hape we hwo masceeded in growitu than.

Eether of July 7. 1914. To a prosilule chame of your not re-




About a parstble offer cominus from the manese government to tetce the in thetr sorvicer moik, I have rrodived bluts of mok a morre,

 nese If cutte inffarent crom woming for ray orm white poople: we aeed

 butios-ole customa mat habits.
 The two pureels thet herbavitum-19bel-boots, of which you Wrote, refinad mo 112 wibut. Tho ane I mot in Stanh amd the other in
 ing the raceipt of these bootes.
\(m=\)









 aspen toly












Lather of Juik 15, 1014, in iuplinte. Me fotos moceived;
 Lucc. I wish I conld have peen it. Thiscompormatinc, es you oull it. done by Mr. "hanomis, does not mite these fruits lean seleable in the onem mantots?

About this mitcobrikod persimon: yet, we will got y berina
 Haycciov to sond wo secis and scions.

 tiala contlesurs.

Letier of fuly 38, 1914. Abows focounts min Itinerary heport recel vad for the cuartor encent funo 30, 2924. O. \(\mathbb{K}\),

Wetter of Joly 28, 1914 Fith onclomure of a mblication by Fou: "הow to Sond Tiving Mant Matarimy to Anwrica." This Inst in an interetinc ppor, only its sise is a aktle too large. By the time it came out, both our Despetch Aments in Sm Pruncison and in Seatile had
 salt sppor and salt water, on Paoc 2 , you ruteht heve atian that the ire Jurious effects of the last are mathcululy had on elve roots. Munss

 surrownitine their muots.

I heve perused four advicen conceming shatwing m fermas


Letser of tuly 29, 1514, with enclomure of a Kew Bulletin






\section*{raptanen Eass}



 san y

















 inarburlean s metmonn.

I notice the aisyosul of watous seeds i seat: I sutpose we Will sce romuts of cortila of theao thing within a couple of yoart.


 cold alimate.







 ralonos.
 Esingtau. Woll. at a dinner at tho Amomion Zogution here in May last
 evor, that his smotutmont was cmechled man Fr. Whlys f. Feck was
 poht of Co warict Atswetive vith our lenction hures. hese be is bort. The
 - 121 inve to find wew Chamola mow.

\title{


}


























 Fhine Ekloe two homared.

Second lotter of July 20.1914 , gtatinc the the poume wila









3econ let tee of July 31, 2914. mmounctns that 125 13s. of


 incronsed in mamer* O. K.

Eottor of Axe. An \(2024_{3}\) in mapliceate. sbout rowos mocoived of


 Hon of the onsimatat. One Teguthon inere Lowt two mhole poudines. out-

 for the coming zons. Thas to ba Mantriod 2:50re ond.



























 here bedly and I man murnised that nobody nas yet ham made a bogirning
 as are congential to lung but woy hove to cteme bo his house to wowd them: as a matior of princinio he does mot dlow any book to be baven dwoy. Of comrse, this is puther amomard for one cunnt stuay w book






 when I a an back ecetn.



 aboub coplain roblocse that my arladg whoull moch a calumity bofall our orsice

About thif womd war and the country of wy binth belna dravn





























Vutch popers I sce bhat the boverment hats actised the poople not to

 sobtiments they havo beon makinc.

Retther of Sept. 24, 1914s in auplicate. Very intoresting thin frowime Saloum chastios crou catitincs. I trust tho root system mily bo nat woll davelopeat as in scenlingers.

I motice that Sr. Thume has goetroned has antondod trip to Japam, on sccount of the war. Jopon, boweres, has wot beon itstruboed and is not 11koly to be mach arfocted. Should whe go in for further military
 actions winl fate place.

Juat to cive gou a manle of Jopaneso nctions in Shanhunc, we

 or out, snd this on scovmit of a fermun botne thera, who boat a farjunse voldier from the lant insulted ing.


 that un they mood the m stroade In Thumber for troumort of their troops the schedules comot alvory be lept and inconvontances maj be caxsed.


 tion in hound to brime later on mo small mount of trouble.


























\footnotetext{

}

3 have pormsed your remurics concerning noodmat ail problems and I'II kney than in mind whenever it an to face a plantation of the trees. It an lelischted to hons that the "in than \({ }^{10}\) had suciz a marn rom coption. I recontly honta thet ther are mate at seversi nlaces in the

 tails.

 in even gettinc a few pounde. It have aunt out minterproter twica to get such seens or arrange for a sumply, bat the acods ripen in foll and Groy on the fround, nod are entem either by biris or peoples etp.os ehilat
 places. It may be severil woeks wofly to oot an 20 or 50 pomiss. We will soc whet we my be thle to bo get.

Socomal lether of Sept. 26, 1914, in Cuplicate. it pleases me
 to drinage and possibly rertilizing.

About marine further onsorvations on uses of barbon and wothode


 as instructors. The Jemanese commi in Bom Brunciseo muty lmon a good Collow who milut bo axploysed at Fronkville as a laborer and do somo work 21 seady.

Aboub coolenc: and prepuxine bomboo shoots for foodr Tou may


\section*{}







\section*{}




















How Touk sell then freath in the Onfnese restouronts of llaghington one gots nontiy the emmed procuotit. Wave you svop boucht a tin of them? Letter of 3 ont. 33,2914 in tuplicme. As rageris theories Why Diosurps lotus is ins ly mene Fekime and not no now Mhiladelytia. while the climites are somevint the sma: well. one thinc we hovent
 and thet in late sprime frosts. And st are just those late sprin frosta which are dolmy so much inace to all pliants of a somestat tropical mature.
 the first crop has been deatroyod. Years agd, when is anail specimen of Mogwros lothe used to stana at the edje of a flomepbed between the old Departrontal bunlainc and the fram lunch mom, in ortan lookred at it and noticed how the toratnil buat inad beon hilhed and mand latemel bremohos had been developed. illere in Morth Ghan, whon once the maras woather has


 better west of the nocicien than ang the stiantlc seabomed.

Second Letter of Sent. 28.1914 , in duplicate. About lare


 ther its loof cells contala a difrorent chomicol motroup than the ordinary
 meli will como in an noxt mosuage. I remala

> Very stuceraly yourss
V. B, Nant Intro, Ourtene Mrios, Gaifo












 tan 7.










 Nave Ybentich ont

Tecs Mro mat relulas
Fervilith in contitulas tho anwerthe of vicivue nieces of mil I racenved smom you.

 of She Tropertal Institute for Tuy-Snot. 2915, with the axticle by wro Welson on the wood oil treea ot Chinas mat depon. quite atochnical



Socona lotha of Sopt. 29, 2114, is buylicate. Hbout my volumi-
 sist in writing to a man and 1 cmmet got thra ntitit it simgle hinded.

 mother \(10 \%\) comity mp this syring. Whethor these Thtnege chesturte sre Fit to be cacked manatom ras, yee, cortainly, fas oftom the case, the
 ones ayourine on tho Pokiac mnthets ure math swovior then those at





Hetteg ot Opt. 5, 1914. Ne my dacovery of wida pacches in




\section*{}





















 (.). :



 Si cer the Coutes yrums in ith wiclost semse one of tho most promising
 from holl whole sextes of hew trute will hawe beea daveloped cron its
 mablon and solection.



 sume poonle on the poores Lunala of Contral Poman ba abset Mamtations
 12 good concition.
 when Erom on low lusd it not to be wowdered at in the recions sround Tashington. D. C. This plant mumally elmats occurs on stong slopes and dolighta in climbes of momi-arid toukoncien* Atown Som hatoma
 at Cư ca.
 H: trat this is going ta for somet I aumpose tha heabo hus been extonded ar mothea urywngmone made.













\section*{th}



 amblyan toal at




 astre \(=\)






 : :
are of a daep romg wolor. Yeocher with pare wiate bloesomas. sh stated on 2.3 of pous lotber, are certanly mito xure here, in fact, I huve
 mextal strina me Grovm in orcharass almays have zony flowers; that is.
 conin; days, for the puecthen mround heste rame bectuminc to bloom.
 Tew minacrely yours, Mive 7. MTTM
c/o U. 3. Mant rax roctuction Garden, Guico, Gitromnta

> Relunc, Chtra, Aprot 29, 2915.

Deat Mas Tax rehila
It is obout tho weeles ago mance I. Iast wobo you and I sould buse writem before but I get an nitack ofnerwoun fover, throu/h avorn





Nolı. I luwe soen mong peaches in hkoom of Iato mad it secms thatw













\section*{tiack lenedett ave}

\section*{}


\section*{}
aftimet .all wow













elmast every hore else, far how mhonif wo otherwise huve guch a word as

 to ask wint soct of Dlousoma the Het fao has? Tats cortunuly is the Worth Grinese clincatomo monch met arcelsanoc.

Tettor of Det. 2\%, 2914, with verions onclammes of lic. II. I.


 sre eart inky of inherenbs I hope to soe this gontiomus one of thase daybo


 tad our theory tiasmb polies Iros antmanab specioe of persimons boins

 absolutely dertain ibout cetain theories.

The new thin ammi cotalogue of thon Hant Introturtions cone




 anyye plane of it tuet mom.

Letper of Oct. \(2 x y, 1514\) (in dralicate) nunouncinc the reoetpt of 20tters of mino from simutu. 0. .

72































 more infommeton about thit onimee wila mice.

Petber of Tov. 3,1914 (in dunlicate). Re frfects of the itreat







 would mothor soe an war botweon the two commeies than E Eroot fotomal

 mare very It fince induod.

 our cyres on South Thinas as it is a xramion choole full of promssea. Lother of Mov. 6,1914 (in cuplicnte) with enclomures of cops of Hu. J. Bailiong Letter of Augk 17. 192s. Ten, I hope to see hin and the emperfmaty they age making in the problem of weforentine minm 's mount in master.

\section*{noks}





























 sitmon thyer alao is a dextrose: \% suy pose it my mot bo as vatuablo as

 Fel survir loos.


 my Mo. 320: SMI 2320.

I hwe louked at the rotos mut thin Is ry comclustom: the rent
 donpluced 54: The lta tsok as sem on the clayes halaspoes of the the-

 I collcetect whemse get ir they are stull there. It morla be a pltg Inceod if the reat Thinsas thoo Gsoh should huve diaapnomrel Erom ouz collections! I but a werg largo bot of th fianted on the Chico grounds. not fict wrat from the exralty porimps it is still aive there. fove you ever obtimen ahonthn trom tha Bamboo grove st metremaftelat on the poto


 look we some maro dinaractoristion or bomboos.

\section*{}

























zotter of Dec. 28,2014 (tm Cumlionte), whin cops of tu. Sutholeta lettor of Doc. 7 : 2914. Vony motberg there ame mentioned

 mad yon see it in wil what it is clmimod for. Tour tologram re wild
 sogy to acy the the maturat aime rotos i. book of the ones fouma at








 undery Mo. 3ates.
 Nant quarambine: mora cbont onis 1nter ons

About wet lad ginger: no thin is not anch a bea cupy to



 fitis mul to cotcin tho corms.




















\[
.14 \text { a } 414 x=1 \Delta x m \text { m }-44 \text { Lint :unand }
\]





Thmever, you mizat try tho oxperimont of alowime the Ind to efry off mutictontly that they could bo dut by menty of a Fanc or spoctaz spadad.


 to s state or civilization me emoriance in Thina. Thesting in fact.
 6hima 5 ต.
 4. rombin

Vex kincreray yours.
TR
c/o U. W. Mank Introluction ancilom, Oxico, Califomma

Teinuc, China, Aprat S0, 1915.
maar Mr. Tat remill:
Yosteriay I leet off it pour lecter of Doc. \(2 B_{0}\) and tocley
111 comence with yours of Meb. 6. 2915.










whemers



0

I see from this message ting a new lifam gartion is being established: my, this aust bo a lot of pork In transtanting gone of the larger gyoctmens from the old garden to the now one.

I have given ir. de Leun, ag assistant, your bent regords, and he : much pleasod thet you a yreciste his Pathouness.

Yeas, theoe various snecier of Amern un may leme ur: to somothing very interentines one thing is certain, that some day we will have hariy bush almonds and hardy bush peaches.

I did not mention the flowering time of these wild almonds end wild peaches, becmase one cmmot go ky staterents from the natives. Near Siku they gaid that they flowered in the and moons, wich in March. Fotamin, however, ontected Arwencun itcition in blom mear Ituchone on May R3, 1885. I bave weitten Nov, C. F. Sxyluer to let you know at what time they mower in his pection and alou to mente you to let you know the temperatares, if he is able to. To sond him a thcruometer will bo a very difficult job, for the way parcele are treated on the long way
 case romebody could take one up to hin, then ft woula be moll better. Hre. Snyder told me last minter that for so far as he knew the moroury went down to 20 and \(25^{\circ}\) below wero Fhns. alnost every wintex. I an glad that you will kee in tonch with this Mr. Syrder he and his heipers naey be of great assistence to as in obtaining wilanbie lant material, Itr. Snyder arote wo recentiy, saying thet he coulon't obthin fust row any som seeds of A. tasmetice: in the 8th moon (sept. - Det.) they ripen, sad then he would try to sond asme. I mur, ose he has written fru to a similar effect.

Sous


\section*{ vent}























How they gathex hazolmuts from trees 100 foot high? well, they mait untill they Arop to the prund, mat polmbe get wey with mort of than and it semed that the mives were not very fond of theed rablioe shath muts with hard shells.

Whether Aruntinaria nitida ia of weods tondonesee? Tee, it is, but It in bj far not cos bad as nome of the low-growins anctes of Bemban, whith form nan havetrabie mst of poots ant ritsomes and choke wht s.11 tree growth. This Amminaxia in of loose, munning habite end mafluea a gracenk undergrovth, whorever it fimbs a congeaial locstions on the hfgher levels, however, it is wather uanightits, with its dead tons and stunted hafte.
 howe are very doubtrul whether I would got any retamas at all for the troublea I would heve to take, -and then we do not know where the bird is hiding himself. This wole affair has been erceedingly un leasant to me and I'li never get quate over it.

Abut pablibling my lettor, wall, yea, you migh do it. Before I will have written a book so may more titugs might have hamponed yet.

I monder what Mr. Cook will find in the HEMEr regions of Perno Plentry of wid potatoos, many Convolvulacease and Solanaceats, lut the Plom of the Anden at lerge is axticulavig difficult to cultivete outside of theiry orn astaricts. It secme that temperatares ave remarkabiy comstant tinere, tha yoar around.
 Japan with mome interenting collections. I how to wee him again when I. an back.









 , a) 109 telasty











, linara


 Pa, ort for the warter endar Sejt. 30, 1014, have been pecelver and are being attended to \(-0, K\).

Intier of Fob, 14,105 steting that ny soccar to ond itincxary roport for tho cuarter ending Dee. 31,1224 , wore received and have boen Lorwarded for gettiemont, -0.1 .
 Angghaius devidiara, Piras bungema and Ulmas pumila. Woll, of tho Lact tho trees are setting a alce orop mad I bave contracted with a Chinaman for 30 oattiens I hope he can collect then, for the wind oftem blown away those seede ins a minimum of time. of A, cievalena, I here mifpped
 few theay I hops ther heve benn received in gool comation. About Pimas bungemas thas will be a hard rroblent I have sent out af interpreter several times and to severol places to try and get mome, but these seede ripon and fals cown to tho ground during tho end of Sontember and October and pigeons, rodenk shd entlaren soon got hold of then and they are venished! The Chinene manager of the mursery of the Botamical Gmion here, however, will try to get for us as any seedn as he cant we will have to correopomd about it through the Legation and ponsibiy through my Intorpreter. Piatacia chinensis is a Parity around here and really, our equrougonicnts in Tas an fry, Shantang, nigh possibly help you oub this coming fall.

These are no dealers in teeda in Cha, at loast, not in those parta there I have been. There is not even a singie ssedstore here in this large city at Poking vegotable seode are pold here sne thexe on markats and in stingtime ut sume of the citr gatem; for all other

\section*{}
 ......
























 this if ofton a vary murelisbie way of 3 onng business,


 Porbhand of certaly affarm comnected with thexe schemas an I mote
 if things rewath poacont hore.
 We11, I heard a few devs ago that Dr. Schmestay had left Ohfina and was on
 Qerponal remaxkg about mpring bang agatin in the lazu. Ton, it mut have been nice on Jour hace wth all of theme Jananese Ghorntos and other oriontal shmbs in bloom. Stily, t.t mat heve begn ricex yot way out in Westorn Fonstu and Sackiabils and I have not been able to be there, axoeg to
 axe In the Sining alss just now, oollecting wore alotnesy I envy them
 bean the head of a Gernan ex elition in an uncxilowed nay of Sabchmun
 of the Gexman Logation gurd hare, whomed me numbex of ver, iuterenting photos. Hay be has. Grosvenow might wiah to pubi土an mome in the Geogre n1027 Kagarind.
 With botwaical material, have reached your. I mon wory sompy to hear that come of them wore in whoh yooz conditions the citrus selons. Wo. 1221 , probsbly got fromen ou route. It is such a \(20 n g\) wey frow Fiestewn Fansu























\author{
-1. .matringal Last
}




to Eastom Worti: Amerion and peckegee are oertainly subject to groat changes as regards temperatures and general treathent.

About Maphne targatica not being Listea in tho oataloguen of the principal mursergnea of thas coxntry, " wells of courve, one could not ox,ect tiat. I rever hasu blet Anorlema saprepgom wee fery u-tomishe

 previondy.

Lstiex of lorch 25. 245 , Anouncing that moeds have been reoeived,
 sone of then and the distribution of sanc. I moncer why Sorubs E. . S.P.I. 60.23 was cent to Bruokrille and Ghica, bstin ticat Wo ; luces are too hot for a plant coning from a momatacas hocalits cwer 3000 fto in altituble, Portiand, Ore. might suit it betters Wr. Dorsett at least tole wo that mountain aphes were datng fine there; at Ottowe, Ont., thoy also do well.

I wonder who did the ciotemimation mont on llos. S. P. I. 40018, 400er, 40031, 40032 and 40053. The party who did it mant have had conalcerable exerionce with Ohinese planto.

18t lether of aro. 36, 1015, Re. Jour boting disapyointed that I could not penotrate into Sechuan. Tos, bellove me, lir. Fatrenild, if there is one nerson who rogrets this, it certainly is I, mels. had I been able to shle amay my bulky bageage and the herbarium matarial, I gtill would have done it, bat, nobody could take this job upon him, and I hud to brine thines personaliy to Poking * Tou mey lmow that Suth Shensi and Szecham have a wainy winter sud swimg and had I taken wy herbariun material with mo, yart of it certainly fould have been guiled. And then mo mitable intarryoter or not even a maltable Cineac semvants







-3 alatery



















no, twon 15 we had pusiad through, I wothanst have obtaknoc ang molid infommtion sbout such acommio problems es tite moowoty industry and bawboo culture.

I have yemubed gour wemsmics conaeming mood-oll problous and ItI Lee that in mind whenver I. whan be zn a seghon where they grow tua
 ghte when oneas down botho
 IT wrote you about thase problane on nage 5 of this 2etter * Testerday afternoon ay agaletno and I ment to a grove of that Pimu bumgeang and Wh socured the ground beneath, but all we formd mexe ompty and bxoten seods. I111 apenk to varionk people, who may colloct seede fox us. Yea, I clenzly ramamber, how the Iamentod irs. Mockhty told us, when We mexe having Tumoh at a sual table at the Commos Olub, that he conGidered whe whiteluxlock pine as ane of the most inpressive frees ho ines and that he conaldered it as a particulariy approprovate tree to work one's 1aty resting placo."
 fron China and considered it to be one of wy sost manable Introcuctiona.
 for a trae thet bhey thomblves would nevor 3ea in all ith Glory, I kept glaent bout it. Tha fact, however, that I toot a nutivar al Iarere, bully
 proves that I hed farth in them. Dy the way oould wou be no kind and Infora me whether S.P.I. Wo. glopg has turned out to be the wee peme bunceang or whethor not?





\section*{Cit : at ino}






















\author{
Ston znthaie to aldasud.
}


 thom, as you mertioned, to moh rambes as are fntorested in themo

Thank Jou fox your information sbout Proweapar Godnows I know this
 your.

I also soe that mo wetonif still likes to recelvo gooctmons of dinosed chestmut worinhs - athust
 You nbout Dr. Gelloway hering 2eft oue Depertent nobody has wothat it to me previousty.

I see your iton, te an inorease of 500.00 U. S. gold for my axplor-


 who have large anomut of moneg in stlver here. Hou ask me to cable gou,
 snces, I will sbstain fron cablinge only there it thes suygone I should not \(b e\) able to 2 and an Amexican po12 on ox bofore June \(30,2915\). What then? mare aro such chunces, for cvergthine in the the wing ahes
 one mould have to travel to escane the greatest dangeres.
 travel. Fery bady Indeed, but wel1 see.

I Em axiully morry that the Botarical Garden at limaington, D. Cup hae not boen ectablished yot.

We2., heremith I have answered your last letter recelvod up tall




 (2...




















now and Irl1 conolude．

Werw sincervely yourna
（a）Frank 勒．Hegon

Feking China
（ate 1， 2 ． 8
Deam 部解 Cower
From Lanchom I have mithen you that I rocelver wartoun 2ettexs mrom 7ou and I woyld go over some of them in deraty at some future date． Well，I herewt th will do so．


 and givger－miximomes hawe been recotwed．O．R．

Letter of Tune 15 ，LUA Refexming to materiml recaved． \(0 . K_{\text {．}}\)
Socont Lettar of Ime 16a 1 is hout matemial received andisposmi of zame．O．Ro

 for all of those tokenc．I have pertued to office news and notwoed these various changeg：no doubt there will be soine wore ore I an buck Ggafn at a desk＊
\[
\pi: 1=, 1 \angle A(8)
\]
\(\square\)


    3. ab %-4
    3. ab %-4




 - . O . . C qa.dnat wat de lias wotco te




\[
\therefore a^{2}+5
\]
 Ab. A po




 I see Jour remaric an rogards no trade-name of Dlospyros lotus; then I propose this Thrid name "Qroomis" I also got lifo. Howel2ta peramal natex I cannot watte therorybody

Intter of Aug. 6,1414 with enclosuros of novslettors Nos. 15 and 14 and 2 mali calendara for 2015. My Hind thenks to yous

Letter of hav. 25, 1.14. with eaclonures of copleo of lotters by

 some cander howe boon received; also that wicoas re fonsils were Ancorrect. As you may hovo moticed, I have followed an your auterentions
 muve worlc on all sides.
 have ancmered from lianchown.

 In a Kew Dullotis.

10tive of Dec: 23, 1014. Ifforwing me thet a pareel with iried horbantum quocinens nevor reached the orfice, way but twis at yeculisat I have taken up this matter with Mr. Wan. Gannon, the cikelk An charge of the D. lowatie Fouch of our hegretion here and he has metitran to the Ghief of the Rall Luvistion of the Btate Dopartiont. Mie hevan't obtacmod ayy anewer as yet!

And herevith I have mawored all of your mati for the than being. Conditions here in Chima are not cuite as they might be and noboty knowe what may got haven. If wan heulth has wiso been aget a frow \(t\) mes and I












 4ha whisionlent livernts arod








thot m



nood a big change to ghare ant the momies to the four commors of the easth. Some thme in Buly, I may Coscent yyon mot Washington, D. C. Wh kinclest Greeting , also to otreybogy in the opriog, I xemann, Wary mincorely yourss

> (s) Mrank R. Mayar

Penting Chine
Nayy 5 2 2935
Degr Mr. Fafrohilat
Today a mow batoh of lettern frou you oome 2h, gmong which some



 that varlous peazages with goods which 4 sent mon 3umnith on Aug. 22 , have et last been mecaved and boing dycrosed of

I think it to be a very clevar aot of ioc. Skoals to leontily
 neme on my inventory note and mobabiy ever on the woed bag also.

I notice your memaris conoeming the Retorvinetion of qilapeahea;
 In pench material, then some one night Identior it there. Bince prof.
 ovar mare jlatit material to hims
 Chtua, This spectmes from Toman amely Looked to us to be one.




\section*{}

 antur earitias + \(414+\)
al:crioclut, , ith \(=-4\)










 : Bol2 ưn






 late in the season.

Letaen if quastion in a previous letter: I really am sory bo have mincol this fanou dendrologists me meta so fer realiy ca nble neople ha our lane of wort and one obtaine relatively no Iathie molid informbtion from those one meets here in Chins.

Letter of Horch 87.1915 I an glad to get your suggestion to put
 we can lay our hande on s nice lot. The printen sacks rou speak of have not axrived as yet up hore: I'1i. Let you Imow whenevar I get them,
 this is going in for some, 1000 or 1200 Ibt of jujubes just for geedst And we do not sven know which is the best strain for stocks, the gnalleruited wila one, which is s weed, or ere chtifvated vaidies
 root grapting been tried, wo thint an old tree might mpoly roots enough for a few hundreds of scions? The Chineso graft fujubes very rarelys they neariz always inorease their plantations by panting suckers. I
 About not having made any statements in my blletin with regarel to comparative prohuctivity of jujubes; weil. I know too 3ittie about this. A men would have to star in waxious fufube-looalithew for a couple of geasons to find out hom warious warleties behaved. Thin, howavers, is eertain, that jufubea bearing mall frutity geom to be rack mose prom ductive than thons having large imuts, that is, for so far as mubore



























 may be relatively isttio cifferembe. The vory leme-frutted mar. dround Pai hsiand chen, the "Ta Juan tagao" is not a vory hoeve bearer, but
 near Cha Ji., Shenst, semaed to be very hervy bearorts, st least whan I
 very \(x\) shy thing for un, at our mogent gtathem of mowledge, to try to give exnct advise to growers what to lant th thelw Docalluton and what
 or cooperate with partios who are whling bo do so and guIded by the knomledge we phtain from moh tabt-Itatmtions se vill be ablo to ciroct grawerg what to do.
 T. H. Sasacer, mo mexe gcale on Diospyos twigs from Hwa tad, Fanmo You are might, it will be very difficult indeed to obtain matariel from
 inlles. Ill look, however, st othor peralmaor twees also, perhens tions scale is nore widely distributod than we know of juet nom.

And herevith, youm lagt lettess, fibe the time being, have been

 viaw at some future date.

Some time ago I have ant Jou a smal bag with dxy jufuber eruita, coning from Pinchow, Shonsi snd mumeree 120b. Fould roukindly hove a newaral-aise photo made from them, es theone I took wa Bpoilod. Several of my 5 x 7 photion wore fralurec, on cecount of tho bua rualt.ty of the










 0.0 .060 ?











 -athb otutita swot za rast





 Of which at tines 3 or 4 ptack together atal fall out of the holder when
 poscible for one to clone un the filn peck.

Herebith I am encloging a oog of aroport, made by mx J. A. Horaing
 Ing the behavior of beed got hive sent him. This revort mas sent we by Dr* C. W. Janesen from Ansterdan, who is anclous that I ohould make an
 gpeak about thear matters whea I mank in Haghtugton. Pleage retain thin report for Suture dovelounenta. It seams thut Havae succeeds well there at stbalangit; egpectaryy the rax. Wherpela geom to be good, cowneas slso do moly, soybeans and Ravilang neow to do yoorly. Is this Chapell-maime a Moxican varlety?

 see thame as goon as I an beok

In comedtion with a possible foumey from Gonstantinople to Changut which I may undertako sone day, I wish pou mould kindly procure tio two



I also moutd Like to hoar your opinion aw megred tho adviadbility
 Interthon are to etay in Priaco for eeveral daya, ins:cetime mone specificaity the Chinego and Ja, anode oxibits at tho Great Paix. Mren I hope to rroced tw Chtco and sxom there popetbay by wet of pactinad,



















Aㅎ․






 s.:




 the greatost heat, for my harlth has not beon too proust of late.
 date, I womatng

> Vexy sincercly yours,
(e) Neank N. Wegen

Powng Ghena
以は, 3,2015
Deatikn Blesct:


 from Lomehonft. As you way hate noticed, I hevo not mdrocetad af Iste to sond Pros. Bexgent pert of all of the soede fron arboreat moteriat Which I have bont and loft the aistribution over ts you people in on orfice. Ka, Taxchuld wote me recontly tiat the soheme nat fallen through of establishing now boterion gavdon in Rock Creek part. I an revey somy rom thiss

Letter of Dec. 4,235 with enclomure of 8 Iarge whotog of Muntmus 5. and Ligustrum 5. Hayy thank' I nomber mhether you wore able to
 able as yet to fund the locality whore they cone inow. I certhunly sum gurprised at the fact that Unmas pumila made a morth ot 12 foct in one
300.















 +t2d) 411 qpave prow ba !






Year nat miverside; thog never do shoh a thing where tu and eromab Felting the reonle object to this eing on ecount of at beine mok atm
 paliote bis twees even. I do hone we wont get that gest intronuoed into



 the photw Hon harve gent me, thoy had laathery, vary smail leaves, what
 large glunt to sho Gatoo garden.
 Farpabila elwo wrote to me about this sad me will try bo get a goody guantity wrtinn a Sow neok Prom nov.

 stones thik coming antum. I recoivod the twe mbilontions you sent me,
 Gasy thanks?

 Tos. blnoematy Jourg,
(e) Frank it Meyan

Foblitut Giantur
Hay 7. 1315



























In conmecticn whth roum wement for 1000 or 1200 pounda of jujubes, I heremsth nigh to 1 nform you that I have bourht the dev berore yestarday
 Iarge mroportion of rood, Luat kernels: Tho patee io not hign, being


 the rame woather st hand. These funto mamely foment and become hocted when packed in a bot or in smoks.

We bave had a few wam days, followed by zatic and showery weathor: as it in today, and the scods of Ulmus pamila aro boginning to riveno Whbe within sem days we sha: be An poweesslom of nevaral catties.

I have not found as pet a suitable peroon who dould take upon him to oslloct and arip rambous scede to yoni Wost white people hore do not think it worth while to go ix for gucis smell and hroublegome thagss and the Cunnese aro mot tmatworthy enowgim. In case y prosent asaistant ghoule remain in and around Paking he what be alle to absist uk.

Polltical conditions remann eritical hers. Mruy Japmese are 1enving Pelking What in goine ta come out of all of this, no no knows. A fev hours from no: the fapanese ultimatam to Ghina mill hove exirec! Many Chinese are in a state af oxdtemant thome lawt reye and ama forcignore tool

Herembth I an also formamaing 2 marockg mth wet lant einger to our Consul-Genoral at Sharaghai and I ain writing fir. Samons to send it at hin andiest opportanity to gou. I rumbered it 1258 and lesse find enciosed en inventary note covering thats mamer.






















\section*{Jank knomlonit}





 off tho teminel buas ge an to wake these whimones keep Ionger * I trast that new bued whl be formad, however.

 poes via Chinese Font for tha wane roamun.

Vamy atncorely yours,

rokinge Chion

Dear itm* Fainohile
 the Anemican Legating hero, 22 parcels, ontalming moods mad atl adressed to our offtees they axe moberod \(1-12\) 1nal. and oontaia the mubers 2297 a 2soba incl. Nease fthe axalooct the invontory notea covaring thene numbers.

I wout 1 the to make mona magrations as regard worlous wings.
Ho. 2297 . U1mat manila. Of this tree I hex collected O. A. 40 Ibs, of seade, ws ger youn request und I tarat we will be able to refue severel thougands of troen fros it. Hy sugeestions are to son out thene













1 (2)
 \(\square\) ator \(-1+2\)
















theso frames. (ficro in Morth Ghins and monowria I have almays noticed that they gemineto best on shady somerinet moint inces, preferably on the North sides of piles of bricks, of tombstones and of brick malla.)
 Iot of c.a. 240 Ibe. the west I an sending to Sm Prencisco br freight, to be reformarded letor on to Chios. I han sure they what got more plents out of these seeds, than out of comar shiments, for they seem to possees very plums and solid kernals.

Wo. 2g9en, hactolus daridions. Thess also I an sending to Fom Francisco, tite yrev. mumber.
 With remarkaily small stoneas it may possibly tuma out to be hardiem than the ordimaty strains.
 long beans. I reocurend thom especinily fore trial in the hot, but inrigated, sections of the South Mest, and mose geecifically as home veEtrbles. To Ho. 2805 the sarae aplicos.

I s. also enclosing a can ofromelled ondented mitk, ats bola here in Chine undex the aque of "The Exgle Brand". I gtrougly suppect this staff to heve been medo in Jopen from Soybeans, with sonething added. It In of a brown color; quite lumpy, not vory greet and it dissolvec but poorly, one also gets offects of flatulency fromit, essecially when taken on an empty atomech, Do you consider it wonth while to have it amplysed br the Burenu of Chemistry?

We have had these last days cansiderable roin and very danp menther and this las heen Faite hard on tioge Jugube moveds, widen mofused to dry


\section*{}















, bilnga ouns ould allat , ot of nelletry










us moh of thetm mugary subrtance as pospible. Now, however, they ure belng jackol in and within a thay or tro we whll send thom ofr to Ban Mranclsoo, togother with a lot of bulky bagege man horburium

 oeed to Wankine and from thexe on ta Sunghes. I W111 not be able to fintah all of my intentad wom, of oourges surcerviaing colleating seede
 moblew amd Deubog cultivation, does not go togethox. Ono moede helpers of the might the te analation to accomglath all of thene thimes
 the Fax Fatst.

There is ne consolation, Hoverar and that is, thot Ghina will
 loast fow gomerations.
 Tairchula,
(s) Prank yo feyst














, tuar frumosms Leve
Doilac. Chana.
(4y 36. 1918.

Dear Mr. Dengles:
Today I heve delivered to the Chathe and fropens Co, here 8 boxes aith soede and botanicul epecimen, ral mitrassol to \(\%\). Frod Masicon, U. S. Dempetih Apent, Jen Praneiseo, CaI, Fwo of theme Boxan have bohind the wople U.S. Troperty. s blue antortric(") and thone 2 casens are Por your Stotion. I hove written Mr. Maubon to send them up to you as soon an he roceivec this ahipment. One of these bores conto taine c.a. 220 73. of Juhbe seed whin \% suppose will all be plented Out at Chico \(\mathcal{L o w}\) stoclas, The other cose holde c.a. 10.13 sa of etones of Daviatass pencle, whick also probably will here to be manel at Ghico.

Then this last case also contains 1 mell solderod tin ith

 glan. Tould jou rindly send sil those lant thence to our ofrice hat Bemingtom, D. C.

I am enclosing 2 copies of Inventory Notes coverine Mo. 2298a and 2299a, the Tufube and the Davidiam pench. Sometine dartac July I hope to arrive in Chico und wila seo no tount mony of ny sntroductions in propporous conditions. In anse ayy mall should arrive for me in your care, pleaso rotain it until \({ }^{2}\) call for it in person.

With Landest regarde to you All. I sm ,
Vexy sinceroly yours.
 Asricultural Explores

\section*{}


\section*{}












 -2 © , aootsatifeal






Featne, Chink
Maty 26, 1075.

Deat Mrimparolitas
Today I hare deliverod to the Chas Foxmardity and trarese Co.,


 sonti effects. On tro cases I have pat a blue astarisk ( \({ }^{( }\)) behind the


 These two anscu aro intemeded for Guico nud I have witten to this effect both to Mr. Maskou and Itr. Beagles.

The ather giz brxes I have abked Mr. Wake to direct to our orftce
 whare uatid I. amive in pernon, so am to bo able to murervise the opening up of samas.

Then I hava stored todsy at the Anoricen Legation here, 5 plecet of begrage, conteiming warious articles I an using in this ex loration moxty yexsonel enes es noll as officisi untensils. Some day I may come back again hare sua avall ayself of then, of some other party will fand use for them. They are too bunky to onryy them with me to Anoricus for there aro such articles mond them as a bale of Shamem mons, her-
 ropen, tins, etbe.

> 2010 giatiot -.414 , 05-74

\section*{}




















 own ,with , ason

Those last daym I have bem recesiviag a fer wetbere from you and T111 heremith answor thems
 Inceod, that the seree with herbariun spectacne, with I sent on June 18. 1314; has never yotchoc you. As you probubly know, Wis. Gmanem mrote mabout it on Dec. 18, 1014, and I wol this mattor up win hx. 7m. I. Canton, Glert of the Eagetion hert. and im. Camon wrote th the




 Chander.

How what whall we do Mas sorabooy looked arrady in tho Merbaria




 Well, it will be pomarhat latar, as you sees I mondar whether 1111 get

 wonder what thog had in the matter of govaeg or other thingm.
 bocome mouldy and the mbhers monamod goot! ha mogorch dollecting jufube




\section*{}









 - Telinnal 40. . . : d - and \(+2 . .1\)














scodi, well, thas is not an axg matuex We probobly wly have to do the thenagh aur legethas heres end I hawo a mora aboat tueve whtare

 good condition Whany thenias


 your ascigtatace in thof mather.


 sibly have boers sweet stary os gome other ygtemy bunge about it. I an much 3 bliged to you, fuet the mane.
 the increase \(3 n\) the number of whobos smony when no zess than of mine.

 on Fob. 25, 1014, whte t book it 1a Rohow, Monst on Fob, 2, 1a14. I
 photo if not, I ows mp that I have made a minkuko.








 .8. . . . . .





















I. an onclowity horowith daplicate inventory notes of the numberg


 covering thía phofpmat, and as I hove to Leave within a few day Will have wo axprnge this matur throdgh otry Lecstion nexe.

I hava mpoken fin cerervi parties conceming the collecting of




Well, now I hate to amange cons finurcisl matbers here, see
 hose to leave for Maxing and from thme pondibiy to Rancion and twa to Shanthai. I Wish I hed rore time to wy deponal.

Vem ethocrely yourng

\author{
(3) Pravil M. Weycy
}
 난














srowit of cacat (a)

\title{
Shamen, Ondas \\ Jw6 17,275
}

\section*{Doas 艧。 Ratrohila}

A Houlil notice, I am in Shanghat and I have boon hexe since
severtu. Cays atready*
I received the folloming cebtegran on June s, 2015:






 Whe 71 and aront tho groater part wh the next dsy fish him ond atheumsed this cherry-bucwooe problen nsth hitio Tho Brange io of tive ginion that

 many of the olumxy treew this matum on acoovat of a mow bank going to be flyown up aloag this stream. I wil gee whe we gan do in bhis matter.


 thene oherxy hamsticks can be shat over thas fack.


 This eablegras croabed the one pou had nent at. of courne, you probably had roalised batore, that it had became a phytul inmongtbitity for me
nais smandit

\section*{4nis ovis amb}


 +banvia aģo lezavos























to be bactit in haserics in June, 2915. The now will sec in how far an
 whath it can be porcomed?

I clso recolved herv is letters from you, dated rempectively 4pe11 29, Hes io and may 1\%, 1915.

The letber of Auril 39 hed beon malled in Vaslineton on May
 tiane, I should say. I wint heremith angwer them.

Sebter of Apriz 29, 1915, with anclosure of a copy of a let-

 fa which he aake me for sonc inctruetions re this and he informs mothat he thinics this in not the riftut timo to ternselant bombeom. I heve
 In thes etther now or at a bettor timo and to got chem estsblemed in these bores, an I huve also advised him to bry to got a collection tom
 three clusps of each plented in boxnse so as to hure them satablished. I wrota him, homevor, to commuticnte with jou before dotne so. Some of us collows my bo down in Comen withia some the and totro theao cases with us to Amortica, or supervise thoir pnoking so that they my be safoly landod at Sans Pranctsco.
 Canton this alros.

Teetere of may 10, 2915. I sa bxily clad the my 1 arge fotos are buins apreciatod. I mont thra Risonº wry Latersating tro wol-


 Hormbin \(=\) at \(11 \mathrm{~A}+\mathrm{A}\)

\[
, 2468,-1+1+1+2 \cdot 6=1,+1,11,-6
\]






















 poto evon.

I see that Dr. Gchmasdox mover saw a pimbache as Insege as fato 23155 shoms, still W11non bhows a platume in 7ol. I af as kree 25
 Gelf does mot show \(2 t\).

 wores dusamses ase milomic to the Fias Nomt?

Whthin of few days I wil Lot von know how my rinumcon tare
 have \(s\) mute sumplus. I imasime.







 Inowever, the inomectorn demtroy the matomin? for font ot insrodmeing a



 baben these lust gomera.

 .nens odra








\section*{}










 Eay




 you ond whals wore dostroyot. Gouhd not this mitcrial have been
 in pots and hopt in a scanta fivision of e gromhonse? it is cerm tuinly dishomentine for a colzoc:ox to hew that the materist ono got With so mach troublie has bem costroyed on survieton of traboriny some
 have been cone way with and the tants sayod.
 Funghat the thite-wer insent ims beoone a seriven poet in privet

 doad bueles in a lexgo privot hotgo, tisficuring the whole ensenble and coused by whis white-was inoect mid by somb Large glomier scales of mhen I havo collected some.

 coived and are beine attended to.

I have noticed your rearto donceminc a possible curplus

 coll on ham the first thatic I Lend on Anortican soil amain.

 but If eot onigh. as bu 138, of goos sends out of them. for the problem is honnver tut tiene irteluee seeâa atorted to gerinate elvealy on mesday moming ond I huld to fenove thom to the cool room of the hotol.







\section*{}




















 howevor that rex withowt moiking



 cial intarproters: the hoat doma there in the muncor is sala to be



 I man niso far from certoin whothar one oun buy sutuble graded or inm


 14.



 wantod to borgw is manth's selary, 20 samaxtw, motuch I die not mant to do, als I lmew too mell that ho would wot moy it book. Then on Pridays

管的 mot sufcickent, stc. ste. Well. I had exnected this move wlone ngo




























Whou I otherwise mould have zopt is Peking. On Sunday gight, thay 30 th
 Comsul, Wr. A. Willoert and homet that Mr. Josmph Metile, whom I
 Wes out in the cometry on an kmpection Exip.



 Sat. Tuno 5 we lookod over soms gardoms and on Sunt. Jume 6 we maxe man

 tected by the mutabist monta of a laxge temple on the ton of the momteln.

It wouk not be work pur while to writo you all detalis wheh I observed and to tell you a11 wowt the conferomeas wo hud. Maese are

 to lantu.
 show promism that a denma troe growh amn be establistrou wh the matively 11.tie outlay.

The troe murnerios axe wot in tho boen of conltiton mad a tech-


 tical work cun be done.





















 .ntitat











 - Walim silill




 in aforeatation in Tuntur as moll as elsevivere in ohina, wo wuht to




 tintuer, wscl in ant buslatnes, while the youns worouts aro eaton moetly

 ome thin you poselul matod evon mome.

 wend un serds.

 can senk coorna.


 on thin moley sollu. Wr. Saille am send soodm.



 to very lanmo siges; the wood not himly qurncintect, boine of anclly


















 Pea shita, , the
mokine tonchests and other boxes. Mi. Batie ean send us seeds.
Thon I noticed the son ortontal peraimmon, Losercos big.
Eizt all over the mountmins. The frutte ure soid to be small, of red color and tuit te mackory.

Mrestnuia, too, occur home and there and ror co faces I Bans


Ne11, I sumpest to you to writo to ir. Mailie and ord: such thing es you think uacoul. I have grokon with him about cll these

 somethinct ior us in turn."






 retura. The ashrod mo viaprotiore thether we onuld not be oo hand and aend



Hy intontions now ure to procecikithin a fow day to Mangehow


 B- L10et cinvo pubesoems in boxes no es to retmbrocuce this vatuable bamboo,









*onnet el kian puttrioce














 1914.
 Into the intorior, but I hope for get one within a day oz so.

Te axe huting here spme multry, sticlmy wouthex, with occasional






 neachas, creen crub-aples, the lest aciceta of the seavon, wilo nem

 the Astor Rovise Fotel, boiled in moter wid merved hot with e crent asmee. They tasted like Jearasion articholces mith a blt of youny pormip flavor added; last night I had them slicod, woll acilded and acrved cole wth a dressincs as a smlad; Ghey fusted somembat like bmboo, like zeol-sprouts
 (In the foreign hotels here they entl them materbuboem rontsil)


 hos shown wo ower his now puras, wich have jroamared amatnylys anly they





























Chumerops eroelsa lost mny leaves; some oloonkers frozon to the eround;
 Fight, excopt in some very sheltered locnlities; hardy fupanose lemous suffored budy, but a hurity timgorino tree, to fect high atd of local oricin, escaped unjurt.

Shanghai as a fom hais grow ingrely nince I wea hare last in
 seems meh ouller hore then romeriy. Stiki, Shrnghai seoms to be des-
 welop inito the Chicngo of this ctemtic land.

I menchosine berow th on inventory note doscribing No. 2304s Ie dathan Hitchi. Morbo youll2 recelve that lettor and thase lytchee secds on the wame dyy.


Bater 3. Wryat
c/o 1tr. Trod Hasitow.

> B. B. Dammeta Ayont.
> In Yermy Dida..
> Sam Wrancitioo. Cal .
treanmat

Becretary Acrtomitum,
Nowhincton 3.0 .
Four huntred collare bulance.
Heyer
8:36 a, m.





 :










\(\square\)


\section*{}


Shemehait Chana, Trane 25, 1923.
Remm ins. Felmhilas


 The 3 ast number have the seeds pocked tin charcool mitued with comp


 colo himself and will weo that hoy aro boinf 3inced in at cool woom on two 3. S. Manchuria. Llease Enin onclozted invontory notes covering thane aforortentioneal matuoza.







 thon has been extondec and in case it habut pot hate beon poastible to
 aryonge evorgthing favorebiz.
 after 0 on 10 dats I moncle again and them 1121 soon groceod to Jonan.
 pour when out in tho corastigy.



\section*{}





茾

















Fore sincerely yourns,
Mate \(t\). infes

 Home Mr. Warromide




 times and mo drunched ona now ous clothea hevo starded fo mould bady










 Fhina for misetonaries, were cutbing covn their chestmuts, es the bops



\[
\text { adectert , \% } 240
\]


















 this last enase is the most eesily explinable to laymon). But now this is the oints shem elostraxtm hare in Batem-Contral china are onip cecenty bofar attackel eerloumly, thon tho disoese miftht have come from some other localily, like from Torth thin possibly or

 specialists say on this mestion?

 In tom and was nasured thet the troes producine them grow wild in the

 of the fons shon, a fow hours from here to the northeast, and mithin some duys I mey howe fount the ronl hicerory mut tree, which has not beon reported from Chine tup till now. Fisan ia his secom volume,
 here cell thase hickory mots "so ho to" and "sa koa" meanims sond walmut and nswed mot:" why we heve not bean able to cacertain as pet, for Hy interyreter is of a poor tyye and ny assiationt and myelf comot mive out moch of this locn dinlect. I an sendim you, by separate parcel, a small cumbity of these hatcory mate. If you see fit. would gou landy astr Professor illergont's opintion re then. I an molding cro rangements with lir. Muxean hin here to send you some fresh muts this. comac autum.

Another thing I found on an spris of the Pan shan ab an eleve
























 *2...trin putina






 Eich and hatorostias flom.


 fruits on then, thish are putte hisy, as are the cripz, the lenios, poung

 ary te as mr. Heny montions in his "momonto Botmy of china".

With Mr. Hain and wr. Kennad I'l1 mike some arrungemonts to send us socid and mefons this fal. Phe murvel of thes white-borted fellow is that it delighta in places whore it is only a few feet above


 atony mountan tiopos noar Manking and aroumd here.

I am enclostuc chare learea of persinuons with thair names
 it does mot mether mach, four I have guite some harboriun mioricl now, which we are dryine over slow churcon fires.

Testerday I took some notural size rotos of the lapge Tingmes fruite (Hypis) we luve hore bat also or shum rild owos shich I collected

\title{

}
























on the pen shan. ing! the last ones ras only iे whe gige of the bie ones. This frust 1 comsider pat to promising for ourtain soctions of

 awtaly mumid atoopplero. which prevents the inic Rrom drying and ombos the elue of the envelopes mem-kigusa.

Qan you inform mornum Thether mison is correct in his

 4. is Is 89 , specioms that I somi in bomoxiy are tworgoesly inbelied,
 "Reonomic Dotany of Ghtna." where he mays it is Ens dentylata that givas us thene gulumita.

Well, this is ail for the prosent. Tith latuest raguris, sbo to A12 in the offlae, if romak

> Wery sizacorely soures

e/o Wro. Mred Maslcow
San Trameisco. etc.














 an? \(\because \because \div\)


\title{

}

Deat ITr. Tatwhyld
Horubith please find anclosed ray hecoumts rox the past
 amse.
 With all this bravolikg about, without nry fiten watess, my mail hat


 I sent the D. of \%o la Tr. Weshrm, our ramb at Sm Trancinca.

There is motiang very specisu to montion in commection with theso sccounts: as you see, the greand botal seens to be rouchly thes3.



A fem bie ond 30.00 to11. for ilum-sceds: I tras you luve received these things Bince.
 Hue onch a nitfocomb exchamge yalue.

 Burning enndte.

Trustinc yous sill reces ve everythatig all richo. I Temmin
Texy sucernly yours.
Trame I. Hittor
c/o w. S. Flast Introduction Gordon, Chico, Cel.












 - \(3.1-1 /\)




AB-a moknas


\[
\begin{aligned}
& \text { Molcunslem, Backime Frov., Cina } \\
& \text { July 29, } 1915 .
\end{aligned}
\]

Dear ix. Tharchild:

 for the delay in matine it wis ar my accounts.









Howover, all of this morm comot be juigod by a 3 monhos mem

 6al hatyest mitht anve bowa lurger.
 good condtion, I reman

Tomy mincorviy ymare,

c/o U. S. Flant Introduction Rardons thatis, Es.

```

    .E00% aEs virc
    ```

\section*{\(\sin 2 \cot\) an \(8=\)}
















 domatura alt tay


\[
\begin{aligned}
& \text { Tolomninan, Molclang Prov. © Mana } \\
& \text { Juty } 30,1915 \text {. }
\end{aligned}
\]

Bour ith. Ratanina:


 ena1 il. Cor inetroce, Qumoflotharonsis, which ame gives one a olue whimblancy as rocurdis the loonlity this plant comes from. ithove

 hitcory troe.

And mow somuthing as to the locality these Eellows come Erom. As I wrote gou on dours 2, i form the muts for sele on frout etande in Ranchow. Woll, the following dars I mont around to wrious people for further information and 2w. D, Dacem Hatn and Bev. Teony H. Nowle, both of Hangoliow, nede may iaquixies fog me und all infommana were sure tige tho mats came from mest Iu hancy lolif a day's foumey mest of Honesian.

 Blationntry of the Chinose leigunge and sasy thet the plent given under
 however, thut this mat hud the characteristic 4 ridges and could not be a Juciane and had to be a spack os of Carya.

We11, 'whon the wethry hat cleared ur on fraly 4 the I dectded to go to Trumeg mid me went first by trin from Bachow eity to the

\[
: 1.4: 43 \pi-248
\]
xiak 41 th al:





 2















 5. Cumpised river. Ie mide incurios strifht awoy foz thene hiciories,

 wost of Th houst this was a wory bod disappointwont bo us as you zay fragine:

On suly bth i went out botmicing in the meighborine

 megolintion witu cerriesw bo bring us to lown kem. Fais proved to be kilte affricult, mo the weather was vory hot and at the trail to Guans hua is not a beaten one. Well, by 9 p . mo wo had a contract

 to cerry us then we became etred from wateinc and a convoy of 8 anned foot soldiers, bocmase bhe road was said to be masafe.

Wedl, on duly 3 sh I was shom the Cirat twe cripled spoci-




 mot Chinese hidiory not.

The tree is not a bie tree at all: the naximun height is c.a.






 2
















\[
\operatorname{san} x+b 1=-i n g
\]



 Zantets on the arerage. The thper surface is of a soft meen color,
 of thase hicloory trase prassatim dan milialy dithront coler in the
 The fures seok to be fosxly gbundant beerorst the nuls sre of the

 Yollow solor and wheh wastess the chasnataristic anrya oktos. Theso
 Whtuk is vers mich ia oik. Thog aro yele to fivon tomore the smd of Dequmber und are eacosty gothered by the nativos.

 demely and when found oxvosed to strong winils. it bocomes crivnled
 stand seveme frosts appirently. The followin trees shd shmbes aré







 severs \$ 20.











 (but:














Whe matize cultivte in this saction zice, motze, pemuts,
 peas as winter crops; toa and bamboos are crom, whle wood-oll trees oecur will and sem-wila.

Tpon incuiring we found that the mots sell in Chang tua to
 wach aiten as a sweetuatt, but also that min oll ia exyrescod from them of a very clent color and of most esocllont mality, used by the woll-to-do to fry chkes in and for fine dishes in general. Moy yteld a ryunrtor of theis weight in oil and the cate is fad to pigs, as a dolicacy. The wood is touch and strone and used for tool humenes. The treen are more or less protected, wen forest is belne cut down and
 elump of them in compray of commenge cultiveted for itw sont


Well. this is mont all I have to say short this Chinese hiokory mut. I fruet you will wit it at tho disponal of the one who is guing to doncribe it.

 bo that Foolcien or some other 3. I. provino hore in Ghisis ay be the roal crualo of this mont interestins tree.
 the 15th: from here we left on the evenine of July 17 th and remohed this





\[
.811-2 \text { ot } h=14 x=0000
\]












 , 11 - 51 yind of \(21-\) as

\section*{thartl 8 gis.}







daye al ratay and i hope he wily soon bo oper it. I
Wonder how you millconutden me meesont mendexings ais it all xight? Well, latar an wr phservelions on bumboo ont ture hore.


> Tary sineozoly youxw,

Fam

\[
\begin{aligned}
& \text { Aar: B, } 3025 .
\end{aligned}
\]

Tiedr Mr: Matatillas








 and hall-skopes: it mantis arloh. porons, cleyl soll to rench greatest



 or in cirnumotence of etom from 6 inchon to 16 inchos.

\section*{2002}

\section*{}




\(2+2 \cdot 2=2\)

 \(.1103: 4.36\)

















The canes sell locallyat 4 cosil por catty (c.2. 妾 of an
 the averace is probobly c. 30 cattion.
 Chinese coppercents for a cane of c.a. . 10 fô. Lons (which is c.a. 8
 When Awrican currency is used). Thits, in cuse mo ohoula ever ingort them!

As rogarlis cuttiag of thas jomboo, the bost thme is from the ond of October uatil the dof thatige of Fobrury. Conciratas pertodiod ontsime the roxloring advices wo obtinno. Do mot cut oun iesw than seasons ole, at it wealtens the plamts very mich mad the cones themselves Co not last longy being mot sully mutere. No not dilaw cones to stay on

 in a bumbog grove overy two gears all of the pones that are 3 years old ani over, but should the grove not be vory vigorous, bo cureful in not removine too man cenes and escecially \(n 0\) yours ones.

Canos of one senson's gronth should, at the cuproceh of Whier, bure their tops cut out, so as to minimize the danger of such cmos befur brotren by the smoms mad the storms of the cold seeqon. Tress tops are in fromered s-10 ioet loug, demending won the longth of the
 Sher we very dasting, chesp will officient und of apocial wilus in fam








\[
t=1
\]



\(410+2-2+2\)











 ala


Then transplanting this beabou or wen staritite a mer erove, the asia should bo to obt in younc, sifong chicomon of comsiderable

 of oun atbacied bo the thitroms. (mis is Chinose odrice, of course, because the Chtnese do not lonow the success one con obtain with bumbos, when growing thea with complad roobal)

As regaria the monetary roturn per acre p . yoar, this we find a very hard mittortio gol clourred ay. Ono falion sate thas a

 200.00 lex. doliars cor the 203, that is, for overy cine that mon more

 Wex. yer acro p. your. And his bumboos wore very finc indosd, added
 to an harerican potut of viem, but then- thase bumoon grow on monutain siopes where it is wery hurd to crow other crops, with tho escention

 Imcone.
 easy mutteri flosk of the work is done in cool, dant somms, no areet
 of being taken, nalle ment erowls of people come to lock and obscure thinge still more.




 hithene









 \(2+2\)











These are, howovor, fory famdaumtais ar worine bamboos:






\section*{tse 10 botion.}


 chno into the buse end of the other cnd fake ribar with clay to make




Barbos ontary in the mif sectiane of mur touthern stabes


 Ons of the gakckest may ta moke bamboo colthre pontat womk be by
 sad whoring such thinge to yeople in these sections of the U. S. where bumba groves covk be entablishor. Gie of the heat whye to
 IITht grion humiture me in hame shompurbasskota: flower vases












 num. .

















Meld, this is alı Cor tha prosent. Mow a fen hines avout (2ay zians.







 Whey permplice su mixul 1 oss that wo do?


> Wery rancorely yours
\[
\text { ruam } 5 \text {, iemmat }
\]


\begin{abstract}

\end{abstract}



\(-x_{1}^{2}=\)










\(\qquad\) \(24+4 \cdot \square 7\)

\(\qquad\)

Mans Mr. Patwatidat
This mamnine I dultrored to the finoricon Commiate-homernt

 find emclosed manber of imvontory notos, doscribine popt of combombe.

T11 go over 212 these things in ontan.
Tio. 1257 , a legunt nous vine, with Grow, Eragrant flowers. Tt prabmaly will be harity at Washingtan, but for matety's ame some tabers might be plantod tu nots and mopt infooms inuing the wimtor.


 nagis mithe to woll spouna Broolesville.

For Tos. 2toha and 2303e I have nothting spectal to say.




 Fitory in the Unt Ged States.
 Fanking, will gurely interomb Zrot. Coville ant I sumeest to turn oves
 more for hin, he lanows whero sheg grow, 58 I showed them to intm ant we ata a few berwied together.













 viouth al motion ans in










 ion.
 gations and that will ta the oma of kt.

No. 3318a, a posch पino Haz homt-shady paces; my vacalbly do well 2 t Tarrow.

 It corase close to our pimot, Sut tho trae is mmalur.
 maxicum fasmars micht do with theix wild muts also.

Then there are many smallew and harger pucleages of botantem and hewbutum spocimenv: For inotance:

1 sten of Dydiontulye robescont, cut laughawse in two, a torale prob bly: both ontmese sua Jupanese culetwub these abnommanGies ath tiamos.
 Shomlnc how hatre they nre.

1 paciange of curiminab of of ats adible butabog, from the gremon of nov. B. T. Maty at Mamling.
 Been used already for hnck \&ne prupossex.

1 packafo of culmoheathe of on Axuallyuria ge. from was fotumb Chektane rxov.
 Sul 23234.















a \(4=41\) ds 8411



- El


 \(1=-\)




 the fallows at trookeville, to show then winat mall these timber buboos


 anco. I may say that canti is a temth prat of o Hoticun copor cont. (VIde pateon mortark on these 3 mbeets).


 chatanmoneta ? oal2, at Clane mon.

 tasders.




 Thon thore is some entorviogicen raturta, nino, wis:








\(\qquad\)










- 1 2ellas








 Bannetai, Juwe 16. 2915.
 slow.

Whis in all I hock to emumerto.
We have had here a spull af sevene hoat accompmied by


 has inf ae; bo recolved a good offer of emplognant with the HeotionInnds Harbor llowts 60 . at Chetoo and ho is worthe there now. I mies hin a good deel, since we have whared the difficulties and the plasures
 saek ative.
 Is very dull, finy thops mad houses are emty and wrious poole are out of amlognont. Tho Chinose sorvant class espectally feels th.

 and theif fomilios. Sombthing apnoliance ranliy!

I 1 now gotnc to finish some fotas thet I have beon takine of Late and thon T112 be oft for frma, frons where In11 let youn luow aman.


> Vexy simoerely yours,

Facos 3. Mentar
c/o U. :. Mant Introdretion Gurden, Chico, Cd.

\title{

}


\section*{}


 \(\qquad\)






 aniledas








\section*{Deas Ux. Taixchila:}

Perevith I ams sondinw you, via Cowsulum moch, 3 packeges


स0. 2 " 35 " 4 4 45 * 12201-12315

The fotos themseives are not ail fimishod ss yot and I had rether sond ther by snother stocmer.
I. ana moo melarsing a set of duplicate inventory zotes, belonann; to the anst statemant.





 buncea.
 12 an

Wery mincorely yours,

\section*{}

16.:

alationtel sath \(1=0\)





 \(\qquad\)








 \(-1=3\)


 \(37+1=\)
\(\qquad\)

\section*{}



 12315-12筑6, 1 mcl .
 mubleced 12901-12315 inct.
 bexed 13190-13925. 4nc1.
 Lookluy thing.
therata letifolia, fotor Mo. 12318, 22319 and 12304, taty be
 HIS atcention \(\$ 0\) them.

12535, 1253t man 13397 ropresent these noble thite-butad prues, dmays beminu objects wherever one sees them.
3.340, 12342 and 18295 , gutatat buncei, show wor the wisat
 pity that Wo. 13195 got a streak sucross.

Wouza yox kindy send Pros. Sargant cotion of mumbers 22886
 spectally tor much matowak.
 auraly look mpetizing
mos. 12308 and \(2 z^{2} 7\), disansed thostuths, minht he whom to Dr. Metcalt ar some othor modralist.

: Digonart ant min



2




















I ans sorry that the benbioo rotoo as a whic are not brilliant




Of the spiny erape wine llos. 13227 and 13213, Hro foncersen w11 send us some seeds this fall.

Tow. L3219 and 23200 is hope to wase in an onlerged eatition of ay bulletin on Chtnese fruitis.

Well, that is about all. Trusting sou will receive these fotos in the bost or condition, I remaln

Feary ginadreis yours.
Ruse B. mera

50: Can
Shatghat, mina, sapt. 6, 1915.
Dear ikn Tafronsids
Tomorrow momainy 1 hope to Zoars this lume, whether ferever or

 Inay have to thke a remt, for ny nerves are not what they huve been. With best of regardw, I momatn
Very sfncesely yours.

Falat II. HExm


\begin{abstract}


\section*{}


\end{abstract}






 Ren- 2302












 cable you tomorrows teal moch batter stmoe heing hore.

Sinoorviz youte
TMAK

\section*{ Inces. Thase Bent. 27. 2955.}

Mear ifro Fatrolyais




 moming she hat sothon wh enough stean to move her boty bas molas 23000 clubic toma conneyt.

 male were frustrated; but mow thot I na more at rustis, is cus probrbiy



\title{
Bars
}


















 poor an comanison to control Ghzmeso anes: persimong riponint, troes
















\section*{Lin Hal 3 L}



















 4.18 2cen rotush:


 jovarneg Nrom Xoby to Totohnam.









 vixious obhes horti- and asti-cultukel nroblems, toarmed several


 す myan.





 \(\because \cdot\)




















\section*{}



 3.7. IE. Gumbrs.
 ondmond. Itaterias ctat now cumot bo thityed, moless it is only for a day ar 8ns.


 3. sats mi Jopanese of ang stmodire would mant to be without his flowering awared shun treo during the winter holicapa. A now varlety sem
 ommentai and cheormat.


 the wroblems of outniaing chery-nclows ? wom the Ambats Murnery. Wea
 Gratat, pondine as follows?
nowston cubles parcheth m mote frent ampromt you socuts




 postis prosent.

11K



\section*{}

 ma.










 anodlul Ad arthan : Breng

\section*{}






In aftormoon went to the Botanic Cardend of the Imperisi University, This gartor is tymicu of the antion as a whole; a somo-
 Lavere grentumses are bodly moeded. Thads, however, wre small, and
 overy spure sen upon onlagetne hor axyy and her awy mad everythone else is only mubetatux: ack to contemy 2 ate !

I looked mith intcrest of tha ciumps of Moso buaboo. which seons to bo onve thinose hyylastutrsumaseass only the jotiaco is not as broad as in China, which my be hue to soly ond climates the



Tho "Hochin a much Delooved nhrab wits pemalant branchos and small flowars of a nink-rosy color (Lempedenc bicolor) mas man In may apocimons: it is ono of the ondy shrubs that bloona 3 is Seftene
 Wey we only scai-0rn monta, for the color of the Rlovary is not fromounced crow th, sith tho exception of the thite warietg. Duoee

 mecp hllslopes they seam to ahow of to their best advantagos.

Anoricm tulip treen thrive very vell in tho Botank Gathens

 mat-bearlnc ones ike Helcories, Pearns, blnch wlmuss pte.





 fohe



















The Janmone havo taton on oxt moroinsurg fisncy to ay Gpocies of Cackt and al no to orrhides shtho the last are only from
 heve 13 so become Tery pomalar sut sil actis of Rorelgn introduced nam
 ose plantis somomint to the brokurround. fincu is to be regrettod. After having gnomt tien hourg In the Thotnitcal Cardoa and huvins them a fom fotos, notwithstandine the very dull woather, I

 pabe six 1 vis back agern in Totrohama.



 With him by automable to Ramburn mad viciut ty, Zoolcea at the immonse


 and 2 constidered to be by Irof. Thana the best etoct for mples thruont Jman. Is. B. Bags tha anese neves but thoir thoowring cherries mad



























14. S. 100 taromm moth the Jquanese are soxry they upzooted their om wrilety of arape vine, winch is very swect, tho a
 like Concord, Dolaware, Iflagara, widin are very nowr most af the tine, altho they are hoowy bnarers. He says that the tide is tuming acain and a strong demme is spetngine up for theis old-timo erape. I saw a
 ese grape in the thited Statos?

Wr. In Grafted the Rorem chestrut (whill I Cound to be unon

 gromth.

Te looted at severni floverint cherry plantntionss but the wood is fres too grom jet to be cut for budwood or selions.

1r. S. says there are may specios of Promas still in Jepan that coold be fried as stocke for flowaming charmins, for sueat and sour chorries, for plums ma for other stomo frutus. In holoalds especialiy he has ssen large treos of wrious mpecies of Truans.

 instructive afternoon.

Soxt. 2n, muralay. In Yotrohamas wemt to S. S. ticket offlee;

 Steramor Minnesuta Meycr

\section*{1115}










\(\square\)







\(\therefore\) ansenathe eny mirat











 some lone loaks at tho most womlerthe Gryptomotic awome int winhed

 Togrianta 0 10:30 ए. 3.








 at get. mat 41 onay will be a quantion ac thes.

 if my m s al.













I . . .2ent 7o coakse













 large oultitubed varictien an mell an on the will onos. The treens homm


 serouts as vacetmbles. Ono his to at toh and momure much froves and one Mus to tmow juet how many mprouts to cut, so as not to mextren the plamtrittons too mach. Than cuthing cmens the grauml pol1 of is pot to
 and in weatonod groves onc oucht not to mt any to all for several yame.
 of burboos ma fimo ald gartens are boim; destroyed ta Eve way to dwel-

 Bolyo.

Returned to roltohuman by \(6 \mathrm{p} . \mathrm{m}\). Mad real dancrese suryour



 growuds of shes Folcolaman Burtary Co, of Trikayems: Inspectad, criflat ind


















 th









 on the lills arroundine the murserios ore infestol with the blioht.

 last found one plant in flower, which is e very raro khinc in Jopan, (a) pare, my mide setd, thet old Jonmese women mo have spont 50 yeers or more in weeding crions heve never seen one.

 in pieces or chomped w.

Bychs ine: a vax. Whout reed (tubers or mather) corma, hav-
 1 ito curmbers: I tasted then but they are too fint, boo mupronounced of flavor to ne. It is a muvel, homever, how the arrianess has dianpesred totalky.

Stister imo is the orainary sweet potmo, introduced from Thini Kirst into the Soteruat Mrov. Kin other gorts of Japan they
 difreront kinda.

Then the sum was settine we poturnod by trita and by electric car to Takchuma and by \(7: 30\) I mas buck gin in in than Motel.




 blight. We hope you won't find ayy more of much things."

\section*{TBE}








\section*{}
 जratably na quedi at








.nt-b benwlta








Tes, cortimly we loane so tue: Then mone wishen of the professor. Ie would like to rocetve one pound of Eront murtem Chestruts to plant out here in Japman to sae whether the Japmese form of blight affecto the imarican chestruta in the sme way as it has boen observed in the fret ted statos.

The aske for man \(2 i\) torature on the suibjoct or piavortice
 ur. Sulinte and maceste wo able him that he has collected al ready.

Prof. Trama amito damesicon poopla are mach nore onorgotic
 riad It very hurd to break with old custome and standards and whle moving emont such provio one emmot bront smmy without 200 ing more than
 deep inus at into the why of mony athing hore in the far mist!

10 a, m. Jhoned Mr. Suruit . 11 a. n. Laft Xolohama by


 wating pacted we things, puid bills, lefthotel after \(2 \mathrm{p}, \mathrm{m}\), Aboard


 of Mebruary. Mr. S. will put the scions up in sonll packuces and heve them delivored to the Anoricmat habossy it Folyo, from where they'll go by Diplomitic pouch.

I spoke to Mr. Post meeler alyout this and he ogreed to it.




























 how mattors stand.

Weil, bhat is the ond. Oa the whones I Mve spont a very


 3 feel protty near the sano mos sopt years ago. Now wetl2 see how matbert go than ouce in Atmurlea.



 Muraery Campary, who with the cooporation on Rrof. 8. I. Tuna of Yokolism,


 of inatmaction from ony onmwe.

 woll as cultivated trees uny athelked, tho the disersse us a whole is not

 trees were found that were inrge rat vigorous and ampurentig immune, White on tho haghez woumbotws mad more expoeed yasts twees mere found
































 introducod fnto the thit tod thates ly infoatod dmonese muraery stock tho zoune chastums twous mover show my signs of ationse, as both prof.





 Fr. Sumnkt that me strondy muppectod bhe Tokohoma Murnery Compnyy of hoving givon us this utce souventa of jayang to which he rotosted thet a wiole lot of American pes緆 bue found thels wey into damm). The Jeyanese "honot may be mothine else bu the Gekiane
 Wore money is mode by selliur bambou spavuts tima by selling


 - 5: andig:
 Cos amples.







 ,
















Jmpanese rowernn: rlums deserve to bo intarduced into the
 prywoses. Gher all beem to be varicties of Gxuma vaos.



> Toums wery itivcerdely,





On boore3. 3. Winnomete
 Oet. E 1915.

Yorewl th please tiwi cacloved my accounti for the possed
 chem.





 e. . 5.00 Mex. dollars p. day to kony Mr. deluew.

\section*{Br}




 athemabe pery

\subsection*{174.28}


\(\qquad\)


. 2 ar






 the mrdces at such bickot are beink ndvertised in wrious puyers. I






 \(1<3\)

Wery sinaexely yours,
Fratti I. .anta



Ben. His. Moirchera:
 guatter: July 2-3egt. 30 . incl. . 1025.

I have but fow romatus to maluo. Mhe wamoer hes been vexy Ions and wex hot and lamid and now, 2oolane book moon it, 24 aoems as if 14 was some ni hatmere. Wo mbre tumell soverml simos, bat noarly

 has not bron domagert to any oxtukt, beyond guthing mettod a fen bras.






 .7nill ar matil -a.
 \(=1\)




\(\therefore 81 \cdots 18: 31+3\)











 me co send fresh hichorg mits buis fal. Ia Yoimhuma I arronTed with



remain
Pery intuceroly Juxums

\section*{Ther I. mina}



Doay Wr. Taxmonda:

 now sumanood, but she mino fadked to got tho rifit wind of stokerm, and Tho trip that wes sumosed to mure thken 29 to 14 duys is now lengthomine ont to 18 or 19 days. gutte manving for everybody gox wo tre mut mith fam pasmengom mbord mu the orfteore of this whim aro not moltee and sociable 2ot of fellows.

 Be done amoy wha.







atican

\section*{Arem khstive bet}

\section*{}











I-



Well, i herewith wint to give you a cong of the lotter I wrote
 dated Sept. 21, 1915:

Dear Mr. Theelest
Herowith I boy to clve you som Enfomution as regarda various dution I had to porform aurine m shart stag in Jopon. Consianomy the
 cipal turoeries at frakama and tato which matbur you inguired elroady thru Mr. C.J. Ameli, who eniled on Ilf. Otende, Herector of Intemal
 say that I mad several diccuesions re this mettor mith Prof. 3. I. Tuana,
 Hanager of the Tokohma Mursery Co. \(22-35\) Natamura, und with Mias Misa 1. Sclamare, Tolcohme.

The time to cme such cherry mitorinn in in winters and as I

 the priviloge of entruating soveral amall purcols with choray sitiakes to the monassy to be formartiod to the 0. S. Depurtment of Aericulture at


As regards the obtatutie of specimens of the cherthut blight, which item you specielly mentioned in your lettor of Juno 25, 2915, I can say that durins 吅 sojoum in und around Mitro on Sayt. 16 anct 17, I obtainod a inge fantsty of material: i also foum plonty of evidence of bhis disease around trokyo and Yokohame. It is mamat certain now thet this blight, which has soven to bo vo aisastrous to our Amricans





























Prom Jann into the Tmitod states, probraty of mons of infosted mum rexy stack. --mpastint that this intommation mis be of use to you



Bew rosmactially worms 3. W. . .

Tery mincerely yours,


San Truncisco, Gulif. Oot. 21. 2915.
Dear 41 Se Crams:




 I wat so rach rrumpe rbout by mato and on goot that it was 2 a.th. the

 Tutey nrwagens vxious things and before I mow it was achan in the aftomoon in the trink an route for Trisco. hat go I som you all a cata yesterday mande. I trubt it will arsive 0. Ta That time I'11 arrive nuself I have no iden of, but be gure Ill be on mou some dey.

\section*{}

\section*{}

 \(\therefore \because \quad \therefore \quad \therefore \quad\) :



0 人

\(\ldots \ldots \ldots \ldots+10\)

\section*{}

















 1925.
had how is everything in Wathington? I ourgose it is rice and

 mged min ali manclip, than the lons as woty groat indeed and more wan a Jearls work hns gone to the dog. In peraomol atrects I also my be

 Let us hope it will huve botter lacir.
 and T are boine to mue some conforoncas re many thinge. I may stay


 evorgbody in the orfice cat to mevernt out of \&
Wory sinoerely
+



\[
\therefore \operatorname{in}
\]










 a. .0.





```

Gluco, Galite, Oet. I. 1915.

```

\section*{}

 Garteni sume bhing I hardy rocognize.
 monde srom Trutceatinh nnd the Cancants and have boen bastinc jujubed from all parta of Ghine. Soorva of now yroblens we artishe in con-
 ceremul considerablons.

We ment yosterday a pareel with herboretum mpectrons to the

I Just got your 2 etser of ookober 11 th man gea that throe Thckerges with Totog have been recenved 0. K.
 W祭11 pass ore I can shake hands with pou mid.


\section*{}



\(\square\)


सht :







 \(\qquad\)





 =1, atupeq fonlay ar

\footnotetext{
weski fewtin....
}

\section*{now cum}

Suad. - Det. 20. 1915, Mroxte
Thect Mricuas:
Fexy many thmily for oordial telegrow. Arrived safe gad sount gentile on 8th, mat mot we lessra, Tairohila and Mitcomb. Till go Trisco now, then to Gaico. Mevi. haid. Chages fram Gama to hore

 revols. Tery stucerviz Bonze.

\author{
MRATE 2. Whtar
} Thico, Cminomte, Ost. 25, 2915.

Hear Mr. Toirchild:

 Besrine the seme munbers.

 the sttention of a syoctulistto them. A Lawe bradle of mufemted

 together with a 20 of bulig boegeno.

The fotos of tho laree tree of aytonf yangels in bhe
 trees grow to, althow,h this tree is not ns now bo dmortcs an i exyected


80:
obroces palls , 08 , 100 on
\(-1-2\)
iel-hly -1







. \(\mathrm{Ti} \mathrm{EN}=1\)

\section*{ETE : F - mat}

181:-17 \(\therefore=36\)
















Muvid Whitcomb, ficturine 4y amxivi in Saatia. Leter on when you have tho fllms I monld. bo mukh gleasel so get s fem comes for mom collecm tion.
\(y=-\operatorname{la}\)
Yexy sincorely mourss

\[
\text { MTC0. Gale. Dat. .7. } 1925 .
\]

Dear tro. Grandar:



As rogmavis the manension of my cocoumts ondine Jume 30, 1914.


 reach oum orflce. I con say re thits matter that I had boon unablo to
 on to Kansu I had to fresort to sdverticime with bis result that I obm haimed a mumber of ofrexts and gelected tho most shatable man.

As regnalis item Mo. In mot giving wathot ow mocsuroment of
 suspended. I herevith an enclosing a duplicate bill os 2udine, ghowing
 arfice.

A1 Vh




\section*{सhavy closevat mav}
\(\qquad\) Futas \(\because\) Thime

\(130:-20\).0t nact














 to me datel Weyt. 23, 2925.

\title{
 Touns tracy truly \\ 
}

Agracuhturn itrplorer


Two Letters frot you have been roceived by no. one dated


Bea, I too am ciai I manck samin hore in this country: a
 very mach ousier here in havactan from wht it in in China that I an not qutte uace to 1t all. The restompmas and hotels aro really a revelation had so are the buemage cheabing systoms!

Shout the arrangememblat I made with Its. Post Thenker of our Trubney at golyo, I have infommed lix. Mas rehild in my bis memort on the


舞 Ith it: There surely is some ilfrosence botwem mom mas 1000, when I becum thorounily diceusted with it. Jow the wery Larger patt of sturs I have sont in has been seved, evon ponsmaciones of whom i wwass had been informad thot thoy arrived in aned or sombleand condtion.



 achal coma nart
\(\square-2+10\)



















dulubers earlinicizre done oran; some troes bear heavier than I ever saw in China, There is an future alead for this frutt and
 the trpes are belue lopt and from mitich tross progutating materici em be tatron. The cruestion of naming some varieties will soon coms ung too! Avydula frallang proves to be a romemble stouk for most
 Were vor onthusiastic about its wesietmey to drouche and alkali. Hy early chorry is also \& Pavorike with vertous growers mad

 and will probebly be alsenred altogother.
berics rabre does well in its semt-madod locnlity in the slough and I have suycested to extenc the plantution to huif as cera. The slough as a whole is pot sutistectory; the soil is ton poor for most plonte that have boem set out there.

Thare is one thing that I miss mach in comoction with the
 Cematery that some of our introductions have dome fon timo better than at the Curdm. What Better soil!
 at Namdan; it cortatnly is a hardy dittie devilu

The mitatortume thet has befolion my whomt iepresses me conslawebly. After all theme troubles if have twan and after this Druff mas so for on its weg to Moshincton clrathey. ond Bhon huwo it congent in a locel cyclone, well, this is pretty hara to bear.

\section*{88}










保















 Mong apocinons were now to sctence! Perbomila, too, I will be out of a sme littie sum, I un stilli in hopes that the danage may not be es had as'I infor from your letter. Tet as hope!

 then I semt off some fotos besming on the chestrut blifth, the materien is en route from Seatile. There aro tro tunkles juts together; the
 From the moutains at Hitch, while the bunde mith leaved twigs is from a cultiveted tree near Tokyo, mhich is shom on foto 12354.

Some of the branches in the 1 eren bunate come from specimens gictured in fotom \(12340-12353\), 2ncl. Flense commuticate these racts to Mr. Shear. I soo am of the opinion that it is too iate in the fall to do any rually successfal worle win this meteriak. Mowever Isbomtoriun studies mint sive somo disired infometion.

Yosteriay momine 8 left thice of \(5: 25\), had to mate tin Sacrmento a for hours, thom actia at Thethrop, arpivod at 3.45 in Tresnos colled on lix. Hoellnge visited with ham sonse of has murseries
 4nes.

This marnine ? hopo to seo Mr. Wevis and his banbo grove and this eventing I mey arrive in Miveratie ond chon on to the 验et. I wima you were with me so that I might nick up adationel informotion conoernimg problems in this pars of the United States.

\section*{}












 mond st-3












Shonald tivere be my math for me would you lefnaly hevo it aisected to me

This is 2 protuy goon central allaress. I surmine.
\[
\begin{aligned}
& \text { Tomy cincoraly yours, }
\end{aligned}
\]


Buastith, Mexos. Tund, Fov, 15, 2015.

Featordey I Zanced here in Austin, und onllins on re thansey, I wha hantad ows some math, mons which there we yonk weleame lebter
 past fow weoks and lenzmod a sood many btoms of much interost. Travel

 fashioned chall in Sam Antonto nan felt bua for fous mole daps. I m ovex it now but alili gut mins in the joints.

Town at peptatis mome observation I made. The bis bandooe
 parently a more vigorous stivin thon the clump at the chico orrions ajtho the atererent trpe of moll my heve mach to to with it. Thore are



 ta behola.

ane if bolmatia

, "xymficuly



















On Suader Oot. 32 z Lef Burempteld at cloont noom, passed aiz



 fact that citrus troes no longex cen be fertilited mith chantca or


 worged about thisntobel ghang of trons.

Mrofegmor Tobber Imis that tha Hention pea tanket a rino graen


I Miso san how vation stacion behove gutce afecrently on Vartous solds and tho moblom of the most suitmble black fos all arourd Yax yoses 1 fistwon setulod as yot.

Then the titrus station wik huve boen romoved to tia new lom

 twoplael fruits and a rei-sheshod lemon and a altwo eropefrutt are on the 21st of desiderata.

I had some looven of tho purbs nud inter on had a loms tolk With ifr. Dhamel and exrmagod. to see his wowt the mext dag.
 ine showed me whese sponaricoble buh-yaztettons which I had never expected to

 and more, even then sith ormge grover moy bo foreod into bombuytey arter

\section*{\(13=\)}


















 (2) chesolitan is delf











An so 01k Ghinese methoik nge boconing ingtoliod ngaiz cud


Mis. Shanel toole me else over to a Covt. chendeal Isbomboxy
 turos may becone comaxchal mossthilities; the Calmese, too, have dome quite somb in these 1incs. In the aftermoon heass. Thase took us over their extomalve planturfa. Many of the recane fropical iatroductions are too new to siy about mum. They hoye a goal deal about Avocano culture. Mr. Cheno 3r. sald that there wore fax too mony orenges crown they want somothins thot brings in botter zotrama, Limo Arocadows
 and the dummese persfmons: the farmor lookn best altho it has not yret
 stock my be at the bnde df tho trouble mad the gotl thome soo samdy. Soadings of 2. Lobus looked fask muparior to those of D. rincial 2as. Hestrs. Gase will probmbly write to our offise for It 10 tuc gocdo sud for a collection of jut bes.


 cll ower the place. I smmalod severel of the rem excellont detes and noted the viritous problens in commention whth thia gerten.

\section*{act}

























Tere are some fotting: Jufubos do vosi mozit moxe vaticties are earmenty iosimed.
 alkali und rootmrematodor.

 1amear obnemvithoma.












Wall. this mill be all for tho prasent. Fix ght mow min 10y norther is blowitug is probcivly will froese heavily by unmiowa. Man contrasta in clantie Texas jreande ot times.


 Rumseys. Tif th kincost romatele to everybodys I remban
\[
\text { Tery sincero } 1 \text { y yours, }
\]
























 * *ivy firm aly pur


Mons Mr. Tomaett:


In my Iotbore frum Mov, 14, I omitted to momtion that I heve not hoard Prom Frof. Cmoen at all. I wonales whether he has left the United Btator sirowdy I would bo sarey for that.
 T'11 thorefore arscontintue to mith rou fownts of my joumey as I move on, I con say es resards the jujubes mat movidimna peachet that



Be. Rumsey has quite a lot of Intules and is zery ondconetul An gronine them; ho deserves all our maport. for he probnbly will become the only muraeryman in the thatod Stubes who of curbuly the mblio with

 thra us to get 1000 2bs. of seed of tovidumas as soon as we cun get Thow: he will puy ras it.

Toll, latas on mome, probmby weronly!
- Ith thinest regaris I Fomin

Ters 3incoredy ymurs:


minn in


\section*{}


















\section*{}


Mouston, Pert., Mov, 19, 1915.
Done Mr. Fairclizias
 in washington and I'11 thesefore commaceto to you aliect whet observations I have rade on this trip since I was in Inito.

Well, on wed, Hov. 3, I arrived in fram at 3;40 p. M. I phoned Itr. R. B. Blatz at Bard and arrongod with hitm for the morrow to see the experinontal gerden. I had a look at thts strape fronties
 Hoxtcans, Mecroes and hatroroeds of muny shadns, lote of humen weode fum deed!

On Thursd. Mov, 4, Hr. Retar came to retch me in his mato and we wont to the ferm, where I sem how cur jughbes are dolar vexy mell
 ceedincly fast but up till now they have wofusod to bour fratit as yot. Eisteale ninensis is doing finoly, but as in Indso and elsewhore wo are not suro as got thet it will bo a good btock for . . Vera. D1mas mumill. shat Dusa derse to well ond also severci of the poilers we introduced.
 ance ss heapo mitoricl. They and apricobs do well, alao gropes ond ther all xipen ymarmble early. Peachos, however, reflue to get imut, except southem types, of which they want more varietien.

Fomerrmates were had, as meet most overymere and as amost
 them is for a grent deal a prope maste of funds anil the.

This irxigatod country around yume is yelmarily 2 cotile coumtry with some cotton in odetution min alpafar grounc for socels. However frust trees will slwayb be welcome tround the homesteads.

\section*{}
: 11:

























I. Burgest to send Mir. His this comines senton some graftad
 Chinese cherry sud some lobulam-hanted willows.
 heavily: they din't hmow the booms sonld be enten until i fold thom.

 So the Mutverulty, hare 1 mot Mrof. G. F. Treemens an old nomalntauce of mine through corresponitence. I wime has gropary bonas, which he hes

 \$013 molsturo. I sam sarule of whot seloction amd hyonis in which youmg lro. Swinglo is engrane himmelf. They find out, 38 in musuis, What hybrida betweon murum and sort whont are infortor to esther paremb

 sting an mifalis with mimate leaves; in how far it will moe ogmoratal velue romains to bo geen; as a setontituc demanstrotion of thmt am be Come By melection it is highy intereating.


 in Sareign introunctions in Gumernl. Some of our yluts were very

 stritue them for the present from out 21 st:!!

\section*{}


























There are some varg interedting shabis mone the collection







 sacordiac ta Frof, Murmber. It I modiflora is a rood tubstitute for

 for mas hoo \(1114 \%\)
 tree, tho it seodinues then come ap freely, wre a matsance. In Jom.,

 shors \(15^{\circ} \%\)

I cave a shoxt bulk on matoration monk betore the Jussnesman's Iuncheon and let lots of proplo and disexeset cil sores of problems. Young iff. Smincle mas very holyful to me and he will look into this antter of nerlectins our gifts.
 Ing the oreniag and by 12:93 p . 10. I Ioft for Sun intomic.

On Sat. Hov. 6 I passed win Theo mere I ad not stop offo at










 f1:















evolution. fis wholo combry is a gre t problant there thore is mator there in meal th, but here it is not thore is cnotus, cefebrush and Tuccas. The metar avuikble from the Hio 3ronde seome to be very
 pemment irxinated belt will be rankins to be settlefyet.
 a hot and ix renme joumey; the froin had boon crowded with prosis comine back from tho San Mrancisco extuthtion and one could hurdiy move about, and the So. Pacific x , A. maymery does not seem to be the most comiontoble miluroath.

Weil, I gpont tho day in restiac, permomi corrocomienoe
 notion, tor the rapet tino açit simee 1909; it showed mot was rouching the ale strean sountry.

On Mowlay, Wov. 8, I set ont in the moming for the U. A.

 6ock ine around. To my sururise mat sorrow I notod that wemite on this fam are lureoty nomaive!

 1ute rains; mak rootrot overgmare, eren bie troes tuken down what



















 Dhorlly ofdetreimos from odt



- Vzuesron meval Then way onf
















 peraimon ifulta swe buag dumed by biris, but still I believe that perainmon exthure sould be tode to pey here, when proper varieties mould
 Quarts too mach. Should this fome be perusod, I mareent bo somd here nore Justubes and more pursinmms. Sif. Tetteer also book me over to lit. Gollan' place, where I had been is 1909 . Thinge had grom very much, as mater and mampe had boon Itborming appiled. Who hedges of windurenks
 of our dankent were ia fral flawer. Us. Collina seoved to womate them more or leas as ormunatals omy.

On Rov. 9, 20, 21 and 224 had a chill or chispe and felt pretty


 Where I mot the omer and his som and mos invited to stay at thoir home.
 the jufubes, wheit are dotns wory well inceed. In the eveninc we dis-

manday, Mov. 14, started in be be cold and winv, but townad eventin it bocrme bother. I ubliazod the ereator yout of the dig in
 over yer of the mumariea. Ono of the wont interosting thang ther have is the llasednle arbor witne, smposod to be a cross batroens Siuma








































 gelantan11 pyon al.







 She that curn be procured in big Tuantities.






 Cala euttinge out ot doors. (Thats is in constanomoel!)

 som of our Chaneso manutas \(n\) so in bumat of cuthay of the Thineme globu4. 2 Ranted wh120m.

 this jurabe wily become en wery dostroble froit tor the mronter ports of




















 on fe frifocto whe alo






Texis and he wants to thate to one of hiv anectaltios. In som future
 all of our assistanoe in thass matter: I ampose ha mill co vitin fufube
 cuncied some froits, whele were very tusterult whe hot siteod the whins of the fruite bent whe had boiled then in sugur molasses ond then arted soms.

In the aftemoan Mi. Tancey took mo mit to aee mome bud varia-

 lines; this rath, tre Bomecy believes, will co wonders these ooming duys; By outint thas rocularly we to not wmat may buttar with our monls!

In the eromine me atsonsed mang a problem. I unde notes, wacked wp things and then suld good bye to a family mo were very hind to

 is morbl fally an mach an sociar muserica.

I Left imastin at \(12 \mathrm{p} \cdot \mathrm{m}\). and arrived at College Station Tuos. soraing Yow, 25 at the minly hour of c.t. \(4 \mathrm{~A}, \mathrm{~m}\). I hed to bloog on the floor of the arfico of the so-called Shimbey thetel theme as thore mas no rou voomt. Towever, intor an I emm acroas re. 3. Tomublood, who Sonk me into his home ond alt tar that i had a wery onjorable thre.

I think I had botber ance thin a sepmanta lobter and therefors \(3^{3} 88\) cometnda.

> Hith kimiost mearial to evarybody I somin

Wory alacercly yours.
тит 3, mata












 , End











\author{
- . Wataca 1313
}




Mens Mr. Metuchulla



 other pleces of carth lo form entonctonss they centrinly are not shorty



I woa incrocumad to severwl tons of peonle, han some tadvisory



 day urtamoon, them we got a wixe te was bogry to luve missod me? mith


 grxamltuxe in mano, for hours.

7n. Tomagolood, in imbroducime wo to mationce of C.a. wo people, anla that acericulthmal extorobion wes in mone wefe much maro

 Tuxtcestan diblre. efo.: In the othar case yomas of pazmbthina mark are
 duction I hod a Fery gove foumbetion to falle avout Jujubes, drgmanted
































 onlys seens comot rimays be obtinnow in 2adyo quantitios. They they hove onz Moviciass. Mr. Xommblood is of the opinion it wil2 be extace betweck these two. is yot we camat sag match La gotat bo min.
 at pour suracastion; it 2ooks promsine.

Thoy got as a chric in tric shounds on olive tree, wosmixiy 25
 evar.

As bo the whacs of We. Tounchoos, hore thoy awe: A callection












\section*{}










 . 80 m












 and now ones constankly wringine up. This cerbaniy is interesting
 pormags to axythines olae.
 molven a gool kini of oreat, of grayian oolor. I think this Is orea now to the Gainose.

 Procoedings of the isth comvombion of Bmatcromors of califomia at



 country at over 5000. This is for Jrof. Chumbisg mand ofhers to ponder about and to meoy, if they foel so inclined!


 etbended to mp carrocpontmee.

 Station. I met Mr. Arya, the proyrlotor, and ve lootrod over be erounde.




\section*{TBII}

\begin{abstract}

 (2)


\end{abstract}





















 sare of less lawn to the Aurtion mussery trade ma of no perticular Interest to un, Woryuning had bally sultorod from the trowical slom
 this section of the couniry. In the eftemoon, hiving some hours on

 Sere I cume to see the arented atime comber upon some sweet oranges
 myso trees, the not all were infocted.

The Satrumas and the wariona Rumpuots seem to bo almost totally resistant to this entrex!

It was a sed thine to see how the folvort 1 stom had roined buided pocan troes, fime 12 ve akles, Junipors and may athor things.
 rraeges, fluods and stoms.

I alco went to see a Ur. T. \%. Coriton, a tom merchant, who has been very mueessful with hits Subsums and figs. One disy
 acro grovel!

Tosky, beine suncer, I iecilat to thee a trip to chlvoston
 Well, it is and to see thise Coratationg to tima ome could harlly beİve that wind and water cmpla brine mous such affacts; it looko more In fret es if shette bat druck hore and hiore. Thedo broes havo sult
 too has suffored mach, probably mostly from the sel to spras. most











\section*{}









\section*{Ifise man}








 Be quite unhurt, bo the these pionts apmpentig hovine put forth mew foliace.

Moll, this is about all. Tomargen I hope to proceed to hwory Island, which is acain \(t 2\) gtep marros you ell. - Witin hindest rogarda, i remata Tery noeroly yours, Thamt I. autua c/o U. S. Flent Rela station, Mrootaville, Re.

Brookswille, 17a. Mav. 29, 1925.
Dear Mr. Fatrohtle:
Tow I an here iaw old 3 mockevile and the chanm of the

 sandy exgames shifinly shadod by slendor pines and touched here and there by vivid green gulnettor.

I wom offored the ire dith or ten nares of tood Land if I would atay here end holp the people alone with advice sud sugcestions, but- I fool man has not come yot to settie dom for good, the I admet the coll gets to be strouger!
mell, I'll are you a report on that I have seen these
last days.






, wase virwomber mat
ETB ㄷ.








\section*{}

 Avparshe of of ata Eno act inda


Thes. Mov. 23, sam mene louston and by \(\mathrm{c}, \mathrm{a} .5 \mathrm{p}, \mathrm{m} .8\) arxived at Mr. \#, A. Herthennyts place where I was not by him in petson and we went strit het anay on horseback to the bumbo plintations where I had a look wt the "Hoso", the "Matabco," and the "Hachiku." The Riret does not do too welk, the mistake wes made of plantine it on the south slope of the hill. while tiv ought to have gone on the oppositt gite. The lladere does botfer, tho tho conce mb ht hove been heavier: the liachitar is the most woedy of the three and we cmot suy as yet
 Bry sumuer in 5 . Loutafine and the barmboos thwe suffered from it; they alao meth be fortilized with a good comport. Mr. Heflhemye is not ontirely premed aien the departambin motpeant of theme boboos, and I suggest that he be allowed to treat \(1 / 2\) of each plantine according to his om thens; he aiso likes to phomb somo in afterent locations, to mick I personaly agree entirely. arter we talled motters over. During the evening I had long tathos mith llar. No: he is an
 he trikes a feem iatarsst in phimt brooding and he give se some oxoclient succestions, wis, the Souts mats bebtar sormens, empecinlly vory arly ones and very late ones: \(\mathrm{Hr}, \mathrm{N}\), thinks thet by crossing various vartetien as we have them now wo can obt in axnerous improvenente; he
 It is mpyareatly \(a\) crons between the navel ormge and the somcciled Touislana sweet.
 through solection of mports and br paisinc from sceds.





























 which ere not touched by the flust frosts, whice all other plmbes around them are killea. The sags such plants may keop on mipening thois bolla and theremith facrosse the total yleld of a plot of land considurably.

Since ilf. It, mide hin poppors froat-mentant to e conoilerable aogree by selaction, he cormot soe they one should not be whie to to the sam thinc with other ghants.

\section*{}

 a new var. of pecan which he thimits guporior to Mand in karor, atho it is sonomint maller in stac.

Eere are a fem observatom of Me. Methmaty mich, atho nogative, are worg Tiluble, as they cone from a mon whin wary wide probticol experience:

Bubuegs h wo no future in who Tinf fed sentes; we have got the ordins ry petuto whith cives two crops a yens in the 3outh; then we hove

 its long seasom to moture an lits recurrements of rich soll, will have
 Fow orlems hotels take them, but theme is no demond for them. Lis greens Dasleen mpreuta are nonmacoptable to the Aumfican public.
 no have the Asparegus, also the celery, there is the 4 do goinc bo put itself? people heve to occulre the taste for them. I tola lif, fir, that in

\section*{mans.}














 4.
 ?










 aspmrugus or crisp celery? Ho, I sat A Well. there your mre, he sata. If they had got these thanges they muver monld hove oured for Hot

 the formican ywalic is not wilinc to yog kno price they cont. With the exception of a voze smamll body of select paozle, the haerican
 fanct or hith-priced.

 With them.

 ded acaing vith the excontion of the niroso." of connes.





 of pexwimons, ponches, plume ote. * the ormamontal nuraermes: the








 \%


















\section*{1s. Nethamers offorud mo thon 600 so 500 wated of 1ned, if}


 gerert dict to lae 1 mity.

Wht of this momiticont offer? Te certinly will have a few talk about thas!

I suigest to send to Itr. If. some fotos of Bamboos as seen in Jopan ond in chat to give bim a bettar impression of mat things look 1ake.

The whole surrouading there of avery Island renisiod no
 many plants from the Yongtso Valloy will do well there. 作e mitht
 bembeos.

At \(10 \mathrm{a}, \mathrm{m}, ~+1\) left agang wemt by zato to llam Tberia, arrived


 whole eventug. Hr, mame has the white-bariced peraimor el reendy. Lasurxy sinearis, sent in by Dr. Wrabut in 1913. Ono opocimen hat Eruited and bocine to show a woe bit of whito bost alrondy. So this thing is landed now fit thenk howens?

A fov interestinc facts were communicatore to me by hr. Pume,



\section*{Eat}

\section*{}



\section*{}

\author{

}



 2, .odtr





\author{
, Noodend
}












 making in the Kourin. 2. Zotug does not do well in Glen 5t. Pay, but fhey have another sumbery nom on himer Land where it seans to go bottors.
 The whole mominc in noing around the marnories: I mea not nilowe to

 Whe peratmon plantations and looked at wators ommumbal plomtinge. (This in complamee! Sluce this bliol quo of pocmibie infection of oftros emker lunge over the 2and, the don St. Mary Mraraerines are
 afi into the growing of dmamental sturt, payine shectal attention to the lane noclocted mative ormmental plomes, like the werioun hollies, Cot invtance.) 1 sav macesscul cttompts of bunding II
 peopte lar thetr aman nitive hallues.



 tested as stocios for poachen here In this Southera commery all stocks surfer here from robthot. Prumy indy, aven, suffers very budy from


\section*{A2.}

























 dane with nativo speciet. lis. Thune will bes siad to moceived tarious - Ghinene ormamentals waich we think nre of zromise for the South, guch

 poctures, Ror he ramlly is tho mont andmat mpacialist wo have nom on Persimuons in thas yand of ours.

I discunned with Ma Humo this special wroblem of putting the duy meated wordebles of persimons on thair foet: which is putume

 only. This problom ism't colvodyots ixw. Jume, by the may boldme thet deasicatod poresmons, sont hea rom the be, motmont. were much bettar than Cutnese ixhed maes. Is thit so? Is thore stillmome lart of such dessicated persimmons? Why dinity gomebooty sond man anmle 21.00

Tr. Fitho supsested that before I go out segin I shouta try to
 viluable advioe to after us. As regavis more warieties ot rersimans
 we shoula \(\operatorname{lncos}\) that gin mint.


 loms in amother lettes.














 20.









Tha yon got a magnine I semb you crom Howhon galied

 with me should I ro out estu ta Ghima.

Wth kinitect remanta to hat in tho artace, I remain Tours wern a nowriys

\section*{}
\[
\text { Sroolcavilio, 1020. 3ov. } 20,1915 .
\]

Tent Mr. Tancotila:
Tame might I had to broak att my resort. as wistrome
 Wroclcovilie immonsed me. As a whole, it is a di gamolnt ment straight out: That 1s, our garzon: tho habost have not womes as wall as they
 renliy ondat to huve bect much furthog datwncel thom they cre mow. The Isnd was mem and man woleriogued am beae fagls were mot tomon into

is I sos it mow, lone drep dicchase ounto to th: we been dres Funkine fivom the south to the morth: the bumboos cutat to have boen
 oulit to hwve been given to the piantw. Tha grove of Hodake is crowdod
 as mich as 14 Loons sud bomboo wanta ploaty of available foousturi. TO Hy wopret I see that thadake is really the only bumboo that is







\section*{}




















graviving nil the others of hez have gone of are goluge hits is petuling


 done axich wort ia vaim!



 sible, but five pernle at least hat it damen clumps, to thet they can
 cuttinc, huve acme Jmnanese buaboo workorg came aver and have them

 The moblem is not the zemet iffictoult ox important. It oven may be that sume okher locality may out row Brooksville awd thed our anmonstrme
 of this Southlmd. Then once surfeicon cones can be getherod. it will We moll to khip gow to momo onstem factories and obtin yraces on then. They whil hare to ro to Tampa by M. R. from here and thon Dy Boatiz Lo Rew Xoxt Mty. Thila ata.

 solis. dreimge and many monther butug.
"r. Mondermon* chayote amoximuts ure very intoroting.
I noticed the great yislda, ate somo fruits for the firgt time in my

































The nasheen exyorinontis ure extonssue here at the seation,





 It tonds to diduovetom tha follows mo huvo to sel them out wh tho arm prach of the comins oold menthar mad thare is no grovamuse hare to muest thince watil speringtimo.

I Awo notiod thas no omamontal planting How beon at-








 cts. A Coten rad mont may a goodry \(10 t\) too. Moxt yout ho hoppos te ghip



\section*{ars}





























 but Auvricans mout over though of thet

\section*{Itr. Fation has fome out that the dand ate in of ghorgyog}


 thened a mad variation or a en fot lyprid from Fanemonh watch is
 parmily. He al so finds that Facnas on mekertes prom yortoctly satia-
 stocic! \(I\) wis mhom 4 pecana, 13 grame ole from the bud, thet had procuced 5. dollera worth of fruit ensh iven!

As uturd, fhay fouted we to comit nywele on adviaing thom to

 sieats thom. Mang hat tried to dyy manyon ilready, but tho fruito had rotted; well, of covurne, this persimmon bolongs in the mashy class and cons wavor be dried. Hexe in Foutla thor mill heve to ery their irmits in ax oven. They also momed to aroo rupubes but I told them that they probably would not ifutt here in this noist climete. Te looked at young mango-






























present varietieb, which are montly "Jondgice" and MMiselonary. \%


 in general.

Thon lir. Palton took me out, last but not least, and seld thit a lir. Mac Bobin offered was 250 acrea of matural gino forest, to be
 ber offered to the tam or to thecomty, but Ir. Thiton sayy that the native pagnietion in not progressive enoun to bo able to tate care of such a propost tion. We wil2 tule about thits and we. will heve to send Mr. Fulton some anever. It in some nice matural park indeed and would be all right as part of an arboretru, fout I sumise we are not
 sime us in ay way the onoo told mo that ho woytd alke to huve some arboreta down south.

I was also told that there are fruting mane troes on lis.ss Braemortis place at Wall spriags, enst of Tampa, Is this lonomy Buring my atay here I have been introduced to a 10 of different poople and had to give advioe on plants that occur in our new catalogue; they showed me efnlioguen of the Man 3t. Nact Tursery

 In old China, Moli, sucu is 2ife!

Hy plans are now to go to Tanple to see a Iytchee tree there; Shea to metreevilie to see tha Boephentel Btation, and then on to




 \(\ldots \ldots+\cdots a t=a t\)









 , fitsen ayble a/erefas











Washincton, D. O., Hero other surprisem no dortot are avattine we.


Tery sincoredy yours,
MuATI II. MMEIT

Deng Me. Eairohlid:
Revevth I an roturning to gou the secomgonyinc corrospondence conoeming saeds of broen Mr. Bailie would like to have Prom us.

Wall, Mr. 3. cextinigy thinite thet if vou do aglm, agk for


 Lu the intter poat of May of this yoar and on wifh observetions I Wrote sou a report.

I do sucgemt that 3N. 3atile mish be informed politely that


 such woxnc:
 Very sinecrely youses

\author{
Bxame U MWMa
}

\title{

}














 :1: \(\%=8:\)
\[
\begin{aligned}
& +7.2+21
\end{aligned}
\]

Dear lix. Chander:
Upon my return to thes orfice yesterdey I was handed over the 2atter of the offtone in Chaspg of Bnoorda, datod Ilov, 2, 3215. I soe from this note that my dobt to the Troesuror of the imited atates is
 knaly tum it over to the rech party.

7 ma isc hunding over to sou a 50 cent cain in settlement of

 Ln Gharge of Becords.

Thanking you for youx assistmeo in these finamoll materg, I 2 an
```

Tory turny yourag.

```

```

Hyticultural maiosos

```

Hamhncton, 3. . Dec. 15, 1915.
Dear Mr. Chandiar:
Hexemith I am hunáing over bo you my Ibinerary Reyoxt, covoxinc the permod of oct. 1 to Moc. 5, 1915. (incl. dates) Mill you lmindy take case ar \(4 t\).

> Bineowely yourss


\(1+5.6: \square \times 3=\)

\section*{}






 ज以

- 1
n


\section*{ianal of xeul}
wxoi= hank dot


.81. 18 nim icus


Tashincton. D. C. Dec. 25. 2915

Dear lir. Tatrchilat
Up till nom I have not been able, thru stemalne to hosts of


Well, hare are a fem recta: on Dec, I I 2mit the town of the
 and utilised thas time an goine to the place of Dr. W. C. Richardson. The fioctor himself wis out, but I \%es shoms over the place by a colored earetaker and. I saw the rytehee tree of which ss manh has beon aeld. The plant is between 8 and 0 foet tall and it probnbly nob ovor of gears 01d. In other words, it has not stood any test temparatures and stince it has a mosan frane against which it 2 eans, it mish evon have been
 in gariens of enthasiasta do not prove as yot that Tompa is going to be the mont congonial place for Lytcheos! Parts of Mextco and the Wost
 see 16 now.

Nell, to go on sceia, I arrived in Cotmosvilie on the proniag of tho same deg, and the next day, Dee. 2., saem ne repais to the State Fxp. Sta., mhore I. met prof. Rolls. We asseussed muy yroblems in con-
 troduced to a mumber of commonters. ilere are a fom interesting remarich Prof. Holfa made: "40 conturies of farming as somin Gnimn are the gentactos
 hass actually declined. \({ }^{*}\)

\section*{R들}















over if mas








Whe eace that the Govermmont lams galled to see the ratnous
 thob the Ghnese hove mot Loambat mach aties c11."




 deckining reylazy in Dado and Broward counties. the pleures being Ros
 Is very hopenu infomnations shonima that by thoro daspection and by dostuution of infegtea material this thrxiblo disease my pornibly be Gaternimated entirvely.


 oanke micht huve came srom Tomose. Now I huvo an opinton of my own and 8 apole about it 80 the people th Runasvilio anit that is widws Bince

 fornd on pthes mombers of the thatoceons famis as man ontonic diseages
 enttorn Astituc spectes.

Havo poople watived alrealy flong these linest
 4ble to tilis canicos?













\section*{-}

\section*{}












 selection cna eross urooding of vxions syuekes of stisolobius. The is
 of rive for northom Nortde, Jouth foorgis. Douth kubugh, wte. Goas
 up othes atraun muttal for Pegtons with longey groning somsons.

The facmow are not plomsed. wth the zumpeng hebtis of the सelvê bean, as it reguires poles to de mall, and they are matime for buwh Coms 60 Do developed.

FTotessor bellangs it womanc on the oroetion of strains of
 within a sow yoars thay moy sumoos on the mathet?

 looked over the crembmanes ovar the nuxaerten, that-0ythasda, cmase

 the introduction of tho China bean alome my bo comsidorea to bo
 sola last year 1000 bunhels of seecs it \(\$ 4.00\) por bushel. They ase Still willine to obtain other mpectos mut vamotion of stisolotizans Cox experimental wortu.

More formge plonta ne deskred for monida.
Tatel swas prover to be fune for dxy land.
Thodes in is good tor moketes lands, mhate
Pera it thrivel egpectally woll down South




























More soy boant ara desired, spocially wartetios from southern
 of extromoly ereat value to the Bule Coast suetions.

Upright form of cownoms are desired, espocialy dense, bushy forms for ereen manring.

The Fudg yine is not as desimble as mas flumt thoupht it occuples the 1 end too long und doon not sumay mise is donse stand.

Tie discussed the problem of malinc hyortas between the hardy

 do not allow to go in for breedsac exporsment thrt mould occupy too
 to be rogrotted doeyly!

Te also discussed gr finc problems and I stated that the




 to have it tried man ano doutb some day we may hoar of reaulis. Strange



 ceived by a Prench cardener in Mordde. (Prof. Tolfs mint yoostbly obtela the oricinul address if you moula like to have it.)











 "












 It herre, huve grom comlorrully well theoe lase youse ad bloy realiy are the sight of the place.

Telı, \(T\) spent two verg inetructave day at this Morida State Expt. Sta. cat Loarned atyest new faets:

On Sat. Doc. Ag I Jeft Guinesville at 3:30 tur on Sund. Hec. 5, 1:45 p. m, I Luded in old Washimgtons D. Ge hoving been away for 0 . 3.3 years and 3 monthe

> Yours very sincexely.


08R1ce, Dec. 17, 2915, 2 p.m.
Dear Mr. Falrohtla:
Would you kindly 6ate wo with Mb. Smincle and Hiss Fussey () this quention of other honts to citions calrar bustides smue bedies of cytura.

Verg sincerely yours.


Hew Ton, Wean. Dec. \(29,2915\).
Dear Mr. Waschald:
Contrary wo my exyetathons I an still huse ent I luvent mocomplished as yot all I wanted. The hwo wome wotten woather here



\section*{}















spabuly .t Fas.




 however, and wet11 see mhent will como gut of that.

Tith kinciost rreoturge,
Tours very sincoreld.

orfec, tan. 19, 1016.
Deur Mr. Mes rehila:
since you end I had a short discussion monte days ago obout




 serious reasons thould exist for absence.

The subjects Hr. Dorsett and I propose to bo treuted ase as

\section*{Col10ws:}

Is it advisablo for the orfice of Soed and hant Introduction to go in for the entablishnent of an horionsiun or \(2 t 0\) om?

What in the future policy of our present Mant Introduction Gardens?

That is the most offective way of selectinc nevis introduced plant material for propayghion and distribution?

Kindly lot mear how we can arrago a proposal of thes kind. Very sincoroly yours.




















frashen






Doar Mar. Thateholat
As rocerde suitchle treen for a compus in thwnght, well, I

 Juas to give it a ron Amoricon touch These trass aro alow wowara,
 mimiox (1torculia nimtanifolia) or if comoses (Mat, mun orientalis of

 ospecialiy on a campras! Nemamber Boriteley!

> slnce

 scoms of southorm live oolc Sen the seods pucked in sphagrame

Orfice, むan. 31. 1916.
Dear Mr. Dasset:
Aerewt th rind athachec a pectuges of soeds in tan a : "ra. Anderson of Shment hes sent we in a permonal 2etter. lixs. A. has beem


 Fokmahen rocion and fate me some banboo syecimons, etc. Conza you Hindy send hee a pound of pood bawn ermas sech, guch as would erow doma

























It anu be sent by Amortuen post and se such we do not heve


\[
\begin{aligned}
& \text { Tencerely yours } \\
& \qquad 7.1 .11 .
\end{aligned}
\]

Oricon, Tea. 3, 1920.

\section*{Near Mr. Dormot?}
 College Women's Club on Honlay, Masuh 20,1916 at 5 p . 20. probably at the matarn Rotel. in this ciby.

Tho subject 111 be Agriculturn BumLomationg in Chinas 112ustratod by Lantert altien.
```

    I guypose ther will mot be nuy objection bo thas, wil
    ```
there?
BincoreIs yours.
```

Mrame Ne imTMR

```


OREice, Weshingtans M. Web. 9.2916.

\section*{Tent Ms. Bisset:}

The other duy I mot \(\mathrm{K}_{2}\), J. V. A, Mhollurray, Hixat Secretary of the American Legation at polinc. China and lis. Haollurrey infommed no that he had made arxagenentis to ivve sonto bulladbed cof ue of the Whit to-baritad pine (pimua bunceant).

Te would like to have some oficial taga sent up 00 him in Tolluc; so as to emble him to send Mroels with seels to our ofrice. Couz (i you kinaly send hims a doren of much crage f

He also exyrassed the mish to have sane flowes and vegetable geces sent to him, thinge thet will grow in feltiacs wich han a climate

 pervers, cucumbers and egmlants.

Hr. Machaxray has been of groat ashistumoe to us in past times
 tionl permom.

Te noked me ta send him sone culbural directions alons with thineg we send him and s suppose we con do much a thing cunnot we?

The mitoriai mieht be seat to him in Poting thru the Diplomatic Pouch of the Department of strate, an mo infomed me:

sincervl yours,
\[
\text { mur } 4 \text { iere }
\]

alesual axic









 18.



\(\square\)





\[
\text { orfice, Teb, } 16,3926 .
\]

Deas 稳. Bissets
 away a voxy interesting shrub in betweon some serubbery back of the lath house and seods of it were wating on the goound. I mased Henry Plopfor bout it and it gald the mobody had giver oxdere to have it

 vasotation. It is ousiny grown from seeds.

I 2aso was informed that my new likaca from onfm ware mot propegated ang lonser, bedause pou hua stated that they woro alrondy in the trode. I do moi kmow of amyone handluc them, snd alnco bhey are interesting dooryart ohmbe ? mupest to huve some more of thom dism tributed. Thet do you thate of it?

Ancerely,
Tancome n. moctur

Fois. 16, 1216. orxice.

\section*{neax \(1 \times\). 3ianet:}
as my plans are to mo out to minn agotis somotime furiug this
yeer, I would like to know from you whut gozte of geocis we want in lasge


 Mx. Beacles thought lath Ootober that our office 3413 not neod may longer
\(120.20012,21,01,0315\)


\section*{}







\section*{:}













eny Devictina seed from Chisa, ofnce the mico Cuxima is motaing its own acedo.
 as to the quantities of gemis that sre merus rock.
asnoerely yours,
rume I. ITTE

Trom Iotebole of Prome T. Neyer:
As regarde troes fhat cre very routatont to allolif I will mention a sev arronged nocoriting to theis renistanay as 12 notioed it in Chane.

\section*{}






 Betur athonest.












\section*{}
 , : . . . . . . . . . . . . . . . . . . . . .
 \(\cos 10 \mathrm{n}\)


















Orftee, Farch 9,3916







sucerol yaurs,

office, 1tar. 21, 1916.

\section*{Dowr Mx. Tuirehila:}

Tourntetter of Teus. 20,1016 mrtem in Bxoukrille was turned over to me to motice combun suarestions.

About plantine ohinevo persimond for trentes paraose! Mo,

 2long a drive.












\(\qquad\) TT? , TVIT










Ptexocary steanters and thento bitobe an dectuons shade trees, Thay all stand a certaja anount of "wet feet." Howevor, Zexplomoxit 131. best afree with the foathergens of the bnmboo, which is the maln thing to be concemed.

This evis-sansline sond, Leviectu fontids is not very hamm ful, only on gounc plants it is a pesti lafer on when the ames get wo it will be easily comtrolled.

About thimins out, moin, I autenent to trent ono-third of the Grove unthinnod all the time, but mell festulised, and a leager book ghouk be trept in mich obervations are made conceming behnvior of them bmanos.

Sinceroly ymars,
reame 3. 10METE

> OTR100, Yar. 14, 1916.

Dear llise Crwans:
Mr. Bairchila would like to hew onnies of totos. Mos. \(01653,02013,01651,9058\) and 5004; the 1 sst the in topliunte, se se to add them to the trpowritten article on the gante currant. These five fotor hove to go to Frof. Geo. Tramman, Waticulturist in Oncrgo, tom gether with a short extract from fry. Patrchials poper on the Zante curmat for so far as it describes the finglue mothod as pranticed in areece. Bineerely yours,





Comporem of of yextl

 - Aldimicon Thisur mi lits it



 Etin-n man

\section*{}




 aly
 smam: Blasmat!

 Whth an oustole lexend, which I will suroly.
- . . .

March 2B. 2916.
Beaz ifr. Stuntz:
 beize made a mombeg of the Botamioch bociety of Wachurhtong I bog to maice the following getabementa:

Bomin Anstordam, Hollema, Hovonber \(29,1870\).
Tha an ordinay mblie school pducations ot the ago of 24 enterod the Jotanical Gerden of the Univaralky of hasterdan ae a prow



 nical drawine, botany, physice, chomintry, ote.
 of Groningen, Bolland, for six monbin: setumed wo hmoterdum, hed eharge of the experimontal wort of Prof. hovileg, followad his loctures on jant 3raeding and Dosmical physiolocy for sevozel yoers;
 of plants of the Tethertandis.

Rosicrea ixom the Hivervity of imotordam \(4 n\) temeh, 1899. Spent
 Gomany, Italy and Switrarland.



 of toly



\section*{}








 2. 2 ,









Butprated so the United Stuten of America in actober: 1901. Tound mplaynent with tho ?. S. Boot. of Agriculture: reaigned in


 Galicomta, from dmwil, 1903 to March, 2904. Sott Galtromma fos
 Gruz; wat to Cube, also to tha southera Unttod ftates. In mugush, 1904, entored the onplog of the sham Hotantual Gurien at St. Jouts
 Resisned an Jily, 1905, from the shen motarical farden to enter ser-
 Collected and travelled in Gman, Juwa, Kcroa, Thouria, Rumbla, Contral hatia, etc. Cox co in nino yoara --cn stil1 at \(1 t\).

Brote a bulletin oz Amriculturna malorations in tho finit
 Tntentảons are to roma for many more yeare, primarily in OMna.

> Verg tomay youms


Agmiorltasul moplorer

W198 Crumez:
In case we have a tyotheo folder wown you kinuly" incomorate

 aro oxported from these places sud st what groul total. in pounds and in


















10.4.5 xinl pot
\[
17+1 .-\quad-215
\]
symiog Small
- \(\square\)

\section*{}



monotaxy ralue tiney esthmita tha Igtchoe erop.
sagoraly yours,

\[
\text { orstee, frwen 20, } 1916 \text {. }
\]

Lovid fou fimuly hive permicion ashod for mo to lectura bem fore the OUvic stury dub and the Tome Interest amb at Tavomb Fax on


Aso for another leature before the Boctety of Amernom Yarestm

 anawered my note to hitu and I thorefore an not mbolutaly sure thet bhis Leeturo will go thru.

Stucerely yours.


Dear Mx. Watwenilds



 have sevarel thage to dutsous whon once buck comin.





















 Sreedugi th tho aftemonn I axreved hero in a heavy minstom and went to the flower show, mare I mot tulte a nomber of iosticultural
 hastralkan hencian, etc. etc.



 roally we beve infomation for 10 trees that mumer.

Tonortow, if it zoes not man too hnsis, whope to see the
 "coop." Bost resurds to everybody. Vexy Binceraly jours.


Ortice. Agni 1, 1916
Doan Ma. Mraset:
Uf. Frant Could, Moad Gardmen of the Late J. Mor Morts

 Naplewooz, Va.?

MF. Dawnon tnfomed mon that aut of seeds eont by us he raised














 - phempirs af etherers thint t.pooab


\[
\text { and of } 870 \text { en entho }
\]








stock and will no douth cleax quite sone money on it. 3incerrely yours

Thute IT. AHTME
orfice, Aprit 2. 1916.
near Mr. 73isset:
Mr. Jactson Damson, 1090 Denter Street, Jamaton Mleín, Mas\%.

 to give you theit best regurus.

Sincemply yours.

\[
\text { Office, Aw12 7, } 196
\]

3oar Mix. Tay rchill:
Since hr. Porxino clearly states in his note or liawch 29. 1916
 his mursery ond singe thoy were sendiluge snywa ant Blvervford Trimble and aince the oricind motoriul wee both obtainot in Polint whin a poriod

 The successful culture in Idaho of Horth Chinese vaxieties of

 These people also ought to try Cotimeamolisoolis cocylas hoberoplyilo.

\title{

}

. . . .
.arat of texa, enatio
Sonerle, yt mat?

\section*{}














-. chinensis, c. svellant and othor hagels.
How cola does it get thure? Mr. Btunte my be able to 1001: it un.

3incormy yours,

nextce Auro 5 , 1916.
Dent Mr. Fatrohtlat
Rlease fime atbrohed the Iebtez I wrote to Mr. Dorweth
In your robence. It is only a sough droft of my proposed journoying. Possibly I also may vieit pormose and mantis and I. sumsest bo have


Vexy atnocrely yourss


Mamangton. 2. 0. Janumy 29, 2930.
Dour Mr, Dorgett:
This mornius I had \(=\) Fak with Mr. Stunge and I complosned
 spata for fature explormbion worlc. ltr. Stuntig sede he ate not know whether I would go out again and I infomaed him that my plons were to Lasve again thia rumen or sariy fill for a protmeted explorntion tripe

 see to at that I got a gook betch of notos.

\section*{}



\section*{}

\section*{[1 : 7 4}

\(1=1\)




 suster uteq wate way

LTRI . 12315
:

\section*{}
> stranguc atis s









How, here are gome of my plans: 1 world like bo loeve shortly
 Theh and Tanho for the masible establiskmont of on oxporimmen station






 pear, which yesr apporently how Rasled to anocand fron tormor intmancliond.

Then I'll Leave fos South Thina, and in the winter of z91G 1927 I bope to collect in the prorinces of Thaicismg, Fuden, Thuming


 Culnese plomta.

In the sumnex of 1917 I hope to exylore some him mountain ranges in these movinoes, but as soon as it gots cool onotug for hard travel, I hepe to trebt thre the twangsi. Rwotohow and Xumen provinces and onter at lost the \(x\) ch Sechum proviace. Towe I may spend a yoar or more mad retum slowly by way of the Fone tae juve or a nosthem ร๐นยต.

This whole trip may tuke me from three to rive yours to do and I'11 wander thro' patits of Chine where no votwical colloctor has ever been before.

\section*{tim}
























Wow, worla you hacly fve mo your mach vilued support in
 please give instruetions to Mr. Stuntz and to others to assims ua in
 orrico. I remain

Fery binocrely youzss,
TRUTK N. Maxta
Acriculturel Raplores
 Qif thin Jepaxtmont ashins thom to supegest things I have to zook out fort

ORTice, Marti 25. 1926.
Dex Misa Cratusf
 It coataima conaiderable information new to mo. I an antully soxy to See hank my bwo mumberw a9912 all 3i918 have failed to crow. The do gat
 provod hardy at Stamford is ot refy met 1atereat?

緯ncarcay yours,
TRANTK IT. MOTME

Office, May 3, 1916.
How MF. Womell:
Mr. Matrohild aestres miorementa to be motle of the following



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\text { Orfice, May } 22,1916
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Meaz Davia 3ienet






BLectrey अraurs,


Dostor, Mams, गumo 6. 1916.
Tear Mr. Mandlar:

 Incly semd those to the offeco cuncemod. I mondor in thove ansnt
 sent up to rae. Aftor mothar \(\mathrm{S}_{\mathrm{g}}\) as 20 angs I mw raturn agein to the Cryitaz asty.

Whth beet regaras to oveztoont.
Yourg stncextly

anmatilinall ant



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> thatary of abtaniter aly , पhymils mat \(42=3=11\)


Amold Arbaretum, Jomnica Main, Masa. June 9, 2915.

Dear \%ro Tutwhila:
foremith I manaline you by aeparate puxcel a mumber of bwige of Murnila Somingerma. Whicin appons to be infostod by a boo-

 often in midnumer. Mot only Astatic spectes are affected, brt also Amarican onos, Cor Enstonce H. Preseri.
 and a cogy of his answer to Mrof. Sas cent.

Vory sincotrely youry,
Trutik II. Dmpan
i30ston, thass, * Junc 22,2916

\section*{Baws 108. Gwnolder:}

Thant gou ror your letter of June \(\mathrm{B}_{3}\), with enclomzeas.
 enclowing tay itineraty romort cos the weok ending tunc \(10,1916\).

We ase hatiwt very mamloasant wenther haro, rifin every dey. and it is cola besides; I it dn't tmow Boston had this som of a alimate in Juna. Some day at the ond of the woet I hope to arrive again at Unshington, 27. U.


\section*{. 8.36 . \(5-26\)}

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\text { , } 420
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Gan you cone amold Axboretum to ditcums thirose axhomation work within a Perf diays.

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ruat rana
}
Amold Arbowetum,
Javica N1ain, Nasm, Jume 25, 2516;

Doar Mr. Pakehila:
On June is Erof. Sarigent sent you a hotter in which he mentionea thut we have had some conferone:s here concerning future furienlturni and Hotanted \#woration yort in ontm ma prof. Sarcent montioned a few conomete poinks in hia Lettor. fie hod expected a reH13 ore this ount you possibly mitht mot be in liantingtom. I telogromed You Unorefore the Collowing mesaage: Cun you com Amold Arboretum to dis


I wonder whether you massibly can do so. We all think it nould clear up metters conaflombly if we could hwo sowo sort of an underatmatng before I left ior China.

Prof. Sar gent does not seem to hive romminted any deflnite
 about this in comnection with poad ble entervention of his plens, but We thought that we meed not constier these thing at ail.



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altasolitho
 02 . nodgritniy
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deuratida BTomer
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 tryint to pand out more about the South Guma regetation. but -rola tively 14 thle hass beon aone with all this southem ebuff. Mr. Wilson thinies that the horbarium in lowioner will be the best ploce row such a studes.

To are havinc aisagrecable wewher here ovory aby almost and I have been ble to fate 3 out few totos. In case we should not hear from jou I hope to leave Doston Saturday, and be the the office Monday, June 19, 2016. With heindost regards, to you A11,
Vers ajaceroly yourss
mu" 3. vent

Wasmingtone 0. 0. T1me 25, 1516.
Sont Mr. Warchizas
On Jone B, 2915, while in the imoza Arboretum 1 hod a twik wath Frof, Suriont comeeming arborete, and I atad hin how many mo needod here in the thitted States to grow practicully dil of the dendrologicol materia I outside of purely trogion stuff. Mie meswer nas

Whive; one near Boston as hoadeurtors ono nocr Mow Orleans for southem phouts one noen tos hoyeles (for instance, in Pasedene) Tor xerophytic mberapical plates one in Mami for tropical plants and one on Traget Sound for conifers, thododondrons and sinilar merterim.
"Arboreta have to be noer conters of poynlation, as othervise they cannot be of use to reny people and they fail to fet meens of support.




- 0 and

\begin{abstract}





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\end{abstract}

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Then eas srborrotum com be thea ay to an inatitutan of tacrutac, it
 veraity of atamange.
 far more than most poople im gine."

I thondit it woula be of interest to huve binese stetements of Prof. Sarrout put on flie. Som day whon the Jopartmont of Ampow


 under a moctal offace.

Vaty simocrely yours,


A-stculture Braver

Tas angbom, D. O. Juno 29, 1910.
Davar Mrs Watmenilas

 sad a seveml Bimes that Torea, Monan and Shongi attll conkan sevemal thing that have not bewn brotuht ont yet and I shouta bence this in Aink, beck une the plonta fron these roctom can be prown the the north, Whide south Ohinus stari is cul bonder.

When once in sonthern Shin it shonla pur purtionlar stbention
 the oximin of at mubuz of thom. Harbiculariy in azaloes, they wont more












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1884 \(2+84\)













The Ambareturn wil2 be glad to get freala geeds of deacolus

In the thiclea yrovinue there are same conqeman of great inrerest fint huve not beon introinced yet. such es Kotcinasis corrund sad porsibly othex.
 Soukh Thinese planta in southem Call fomta, the poople theste ape so mach more onthustastic chan altonst mywhore eise.

 Tory aimancely yours,

Elim th, irys.
F2atictarl|
Heploulturat Ruplores
ofreco, July 解, 2915.




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 Very sinceseiy pours.

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\text { atrioe, duly 7, } 1926 .
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Dear Mr. Jiaset:
Herevith nlocaso find mitwoised two moctoues of moods.
 snecinons. They possinily muy grom yet. ovea tho they are cimost a year 010.

Bincervely yourss
plise \(=\). Uimm

Orface, गuly 10.1916
near Ho. Petrehila:


 3TMceredy sours,
thime. netrat
\[
\text { office, July } 12.1926 .
\]

Bear lix. Misset:
Tour Lotber of tune 15th concerning gettine soods of paums
 Sargon to id me thet the breen were sottint vory faw meads thin wintus Hear and he is wratd khey mould wuw very litthe to spere. Tou Imow the nome of thin cheery hua boen changed. into prums sefrulet. Whr.

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> 4x \(\cdot 8\)

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